

Converting Colors

HunterLab(89.7878, -7.9264,
1.0029)

Have a look what the booklet for
HunterLab(89.7878, -7.9264, 1.0029)
contains.

HunterLab(89.7268, -7.8792, 0.6776)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(89.7268, -7.8792,
0.6776)**

Conversions

Conversions Part 1

Format	Color
Hex	DDEAF0
RGB	221, 234, 240
RGB Percent	87%, 92%, 94%
CMY	0.1333, 0.0823, 0.0588
CMYK	0.08, 0.02, 0.00, 0.06
HSL	199°, 39%, 90%
HSV	199°, 8%, 94%
XYZ	74.9697, 80.5090, 94.0265
YIQ	230.7970, -9.6740, -0.8900

Conversions

Conversions Part 2

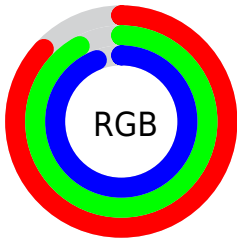
Format	Color
R _Y B	221, 229, 240
Decimal	14543600
CIE Lab	91.91, -3.17, -4.40
CIE LCh	92, 5.419, 234.238
Yxy	80.5124, 0.3005, 0.3227
Android (android.graphics.Color)	4292733680 (0xFFDDEAF0)
YUV	230.7970, 4.5371, -8.5920
Hunter-Lab	89.7268, -7.8792, 0.6776

Details

The HunterLab color **89.7268, -7.8792, 0.6776** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.7036, -1.3780, 8.9104**, and the grayscale version is **89.2891, -4.7642, 4.8512**.

A 20% lighter version of the original color is **100.0000, -5.3358, 5.4332**, and **65.8851, -6.1211, -0.3172** is the 20% darker color. If you saturate the color by 10%, you get **85.3165, -11.0750, -4.9127**, and if you desaturate by 10%, it is **94.3178, -4.1670, 6.2224**.

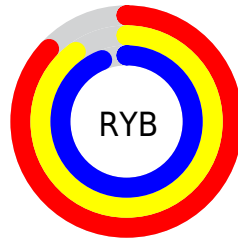
Distribution



Red (87%)

Green (92%)

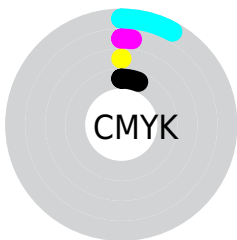
Blue (94%)



Red (87%)

Yellow (90%)

Blue (94%)

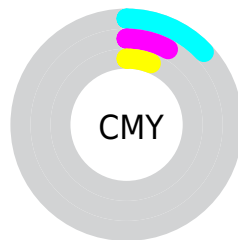


Cyan (8%)

Magenta (2%)

Yellow (0%)

Black (6%)



Cyan (13%)

Magenta (8%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 89.7268, -7.8792, 0.6776 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 89.7268, -7.8792, 0.6776 by changing the saturation by 10% instead.

■ 89.7268, -7.8792,
0.6776

■ 89.7268, -7.8792,
0.6776

222.8582,
-16.0987, 6.4965

■ 77.5500, -7.0819,
0.2061

115.7955, -9.5509,
1.7416

■ 65.9784, -6.3073,
-0.2244

129.6364,
-10.4207, 2.3268

■ 55.0476, -5.5576,
-0.6091

143.9886,
-11.3132, 2.9457

■ 44.7976, -4.8330,
-0.9438

158.8346,
-12.2277, 3.5966

■ 35.2770, -4.1335,
-1.2231

174.1584,
-13.1640, 4.2783

■ 26.5467, -3.4583,
-1.4401

189.9456,

■ 18.6860, -2.8058,

-14.1215, 4.9895

-1.5849

206.1829,
-15.0999, 5.7293

■ 11.8046, -2.1708,
-1.6431

■ 4.6035, -3.2438,
-3.7091

■ 89.7268, -7.8792,
0.6776

■ 89.7268, -7.8792,
0.6776

■ 85.3165, -11.0750,
-4.9127

■ 94.3178, -4.1670,
6.2224

■ 81.0948, -13.6865,
-10.5423

■ 97.6720, -4.8170,
10.0574

■ 77.0776, -15.6490,
-16.1934

■ 99.5346, -7.8914,
12.0878

■ 73.2789, -16.8948,
-21.8433

■ 69.7121, -17.3596,
-27.4621

■ 66.3886, -16.9888,
-33.0136

■ 63.3160, -15.7481,
-38.4579

■ 60.4952, -13.6377,
-43.7587

■ 57.9101, -10.7302,
-48.9075

Harmonies

Analogous

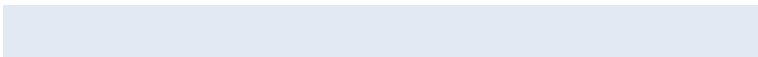
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.7287, -9.5930, 2.7813



89.7268, -7.8792, 0.6776



89.7287, -5.3261, -0.2992

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.7287, -7.8810, 0.6791



89.7287, 0.5631, 4.3745



89.7287, -6.9665, 9.3781

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



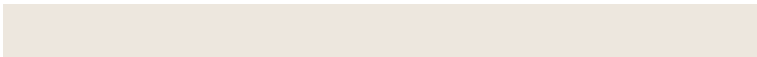
89.7268, -7.8792, 0.6776



88.7036, -1.3780, 8.9104

Split Complementary

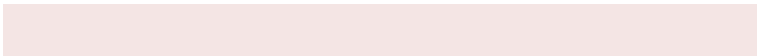
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.7287, -4.2577, 9.7757



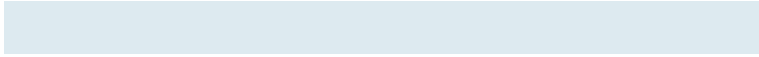
89.7268, -7.8792, 0.6776



89.7287, 0.1111, 6.9374

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.7287, -7.8810, 0.6791



89.7287, -0.4339, 1.8754



89.7287, -1.6616, 8.8951



89.7287, -9.0695, 7.7922

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



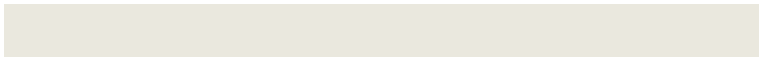
89.7268, -7.8792, 0.6776



89.7287, -3.4801, -0.1618



89.7287, -1.6616, 8.8951



89.7287, -6.0974, 9.6531

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



89.7287, -7.8810, 0.6791



99.0065, -6.1545, 4.2438



91.2267, -13.2807, 8.8895



45.8276, -2.8288, 1.9907

0.0000, NaN, NaN



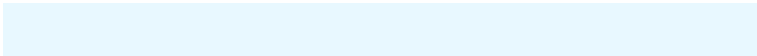
46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.7287, -7.8810, 0.6791



95.5874, -8.8522, 0.0632



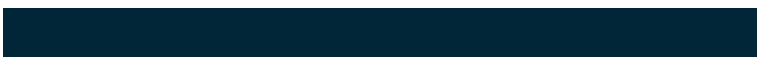
86.8373, -3.1021, -2.8327



41.2777, -3.9014, -0.0880



42.7523, -7.9017, -36.3791



13.0311, -3.3251, -9.1097

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



87.2813, 4.0047, 0.9719



92.6086, 5.6557, 0.4345



91.5714, -6.1761, 12.0254



39.9269, 2.6852, 0.0831



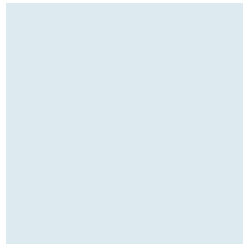
34.1152, 62.8127, -11.9807



9.9305, 18.4412, -4.7067

Previews

White Background



This preview shows how the HunterLab color 89.7268, -7.8792, 0.6776 looks on a white background.

Color Contrast Check

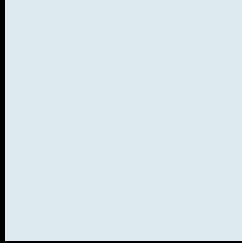
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 89.7268, -7.8792, 0.6776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

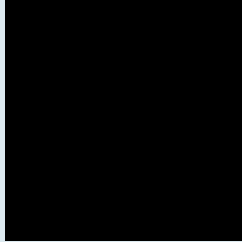
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

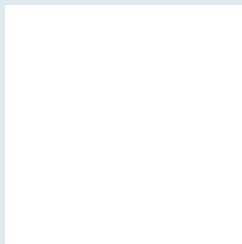
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 89.7268, -7.8792, 0.6776 Background



This preview shows how black text looks on a background with the HunterLab color 89.7268, -7.8792, 0.6776.



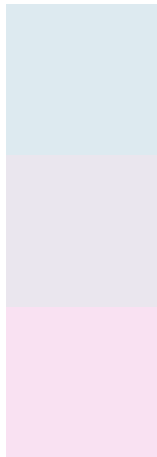
This preview shows how white text looks on a background with the HunterLab color 89.7268, -7.8792,

0.6776.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

89.7268, -7.8792, 0.6776

Protanopia

89.5874, -2.0408, 1.6344

Deuteranopia

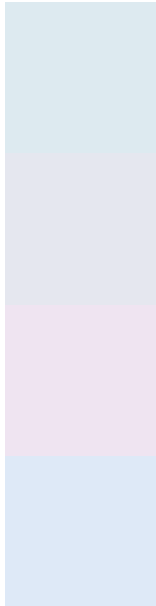
89.6666, 6.3597, -0.1825



Tritanopia

89.6472, -4.1611, -5.1938

Trichromacy



Original Color

89.7268, -7.8792, 0.6776

Protanomaly

89.4661, -3.9971, 0.9409

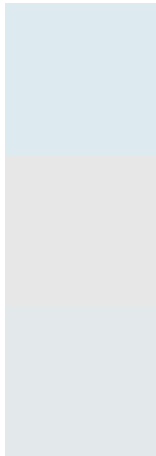
Deuteranomaly

89.5480, 1.1982, 0.1004

Tritanomaly

89.7345, -5.7534, -2.9479

Monochromacy



Original Color

89.7268, -7.8792, 0.6776

Achromatopsia

89.3925, -4.7698, 4.8569

Achromatomaly

89.4341, -6.0472, 3.3980

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 89.7268, -7.8792, 0.6776 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(221, 234, 240)` looks like.

```
.text, #text, p{  
    color:rgb(221, 234, 240)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(221, 234, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 234, 240) }
```

Border

The CSS property to change the border of an element to HunterLab 89.7268, -7.8792, 0.6776 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(221, 234, 240) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(221, 234, 240) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(221, 234, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 234, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 234, 240);  
box-shadow:4px 4px 4px 4px rgb(221, 234,  
240) }
```

Background

The CSS property to change the background color of an element to HunterLab 89.7268, -7.8792, 0.6776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 234, 240) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(221,  
234, 240) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor