

Converting Colors

HunterLab(87.4390, -3.3935,
-3.8352)

Have a look what the booklet for
HunterLab(87.4390, -3.3935,
-3.8352) contains.

HunterLab(87.3132, -3.1653, -3.8328)	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(87.3132, -3.1653,
-3.8328)**

Conversions

Conversions Part 1

Format	Color
Hex	DDE2F3
RGB	221, 226, 243
RGB Percent	87%, 89%, 95%
CMY	0.1333, 0.1137, 0.0471
CMYK	0.09, 0.07, 0.00, 0.05
HSL	226°, 48%, 91%
HSV	226°, 9%, 95%
XYZ	73.1928, 76.2359, 95.6514
YIQ	226.4430, -8.4370, 4.2270

Conversions

Conversions Part 2

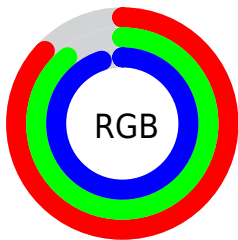
Format	Color
R _Y B	221, 225, 243
Decimal	14541555
CIE Lab	89.97, 1.53, -8.84
CIE LCh	90, 8.972, 279.838
Yxy	76.2392, 0.2986, 0.3111
Android (android.graphics.Color)	4292731635 (0xFFDDE2F3)
YUV	226.4430, 8.1626, -4.7735
Hunter-Lab	87.3132, -3.1653, -3.8328

Details

The HunterLab color $87.3132, -3.1653, -3.8328$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $92.4249, -6.1039, 12.9616$, and the grayscale version is $87.3711, -4.6619, 4.7470$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $63.8911, -2.1284, -4.2960$ is the 20% darker color. If you saturate the color by 10%, you get $79.3972, -0.6931, -14.4089$, and if you desaturate by 10%, it is $95.4511, -5.2316, 6.0539$.

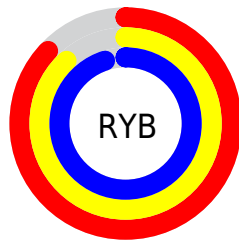
Distribution



Red (87%)

Green (89%)

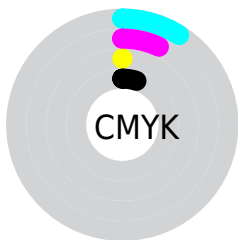
Blue (95%)



Red (87%)

Yellow (88%)

Blue (95%)

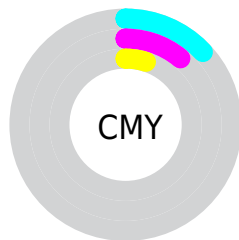


Cyan (9%)

Magenta (7%)

Yellow (0%)

Black (5%)



Cyan (13%)

Magenta (11%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.3132, -3.1653, -3.8328 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 87.3132, -3.1653, -3.8328 by changing the saturation by 10% instead.

87.3132, -3.1653,
-3.8328

87.3132, -3.1653,
-3.8328

219.5828, -9.6962,
0.5325

75.2520, -2.5947,
-4.1134

113.1658, -4.4136,
-3.1287

63.8022, -2.0588,
-4.3447

126.9051, -5.0842,
-2.7140

53.0003, -1.5620,
-4.5207

141.1593, -5.7847,
-2.2602

42.8880, -1.1075,
-4.6358

155.9106, -6.5138,
-1.7694

33.5158, -0.6993,
-4.6832

171.1427, -7.2703,
-1.2432

24.9476, -0.3425,
-4.6543

186.8409, -8.0535,

17.2675, -0.0447,

-0.6833

-4.5387

202.9917, -8.8624,
-0.0910

10.5932, 0.1827,
-4.3261

0.0000, INF, -NF

87.3132, -3.1653,
-3.8328

87.3132, -3.1653,
-3.8328

79.3972, -0.6931,
-14.4089

95.4511, -5.2316,
6.0539

71.7284, 2.2889,
-25.8521

99.6249, -7.3947,
10.7945

64.3488, 5.9053,
-38.3743

57.3113, 10.3148,
-52.2274

■ 50.6870, 15.7073,
-67.6793

■ 44.5719, 22.2826,
-84.9405

■ 39.0934, 30.1817,
-103.9848

■ 34.4126, 39.3236,
-124.2019

■ 30.6861, 49.0960,
-144.0685

Harmonies

Analogous

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



87.3150, -7.6521, -3.4071



87.3132, -3.1653, -3.8328



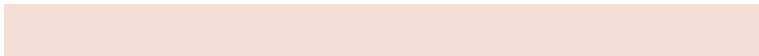
87.3150, 0.9992, -1.8669

Triad

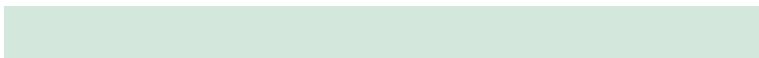
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.3150, -3.1671, -3.8313



87.3150, 2.1409, 9.9068



87.3150, -12.7078, 7.5668

Complementary

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



87.3132, -3.1653, -3.8328



92.4249, -6.1039, 12.9616

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.



87.3150, -10.1856, 10.8917



87.3132, -3.1653, -3.8328



87.3150, -1.6344, 12.1941

Square

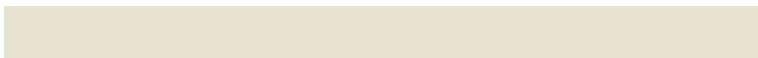
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.3150, -3.1671, -3.8313



87.3150, 4.1049, 6.1597



87.3150, -6.1501, 12.5451



87.3150, -13.0991, 3.3220

Rectangle

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



87.3132, -3.1653, -3.8328



87.3150, 3.0127, 0.4767



87.3150, -6.1501, 12.5451



87.3150, -12.0835, 8.8230

Sweetspot

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



87.3150, -3.1671, -3.8313



97.3985, -4.7097, 2.3429



92.5418, -12.8789, 5.0392



44.7409, -2.0989, 0.6974

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.3150, -3.1671, -3.8313



90.5578, -2.8664, -6.1905



86.3103, 1.3195, -5.0422



40.6670, -1.4348, -2.0003



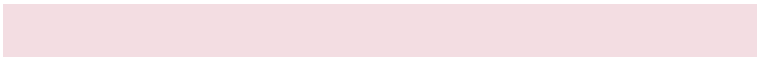
22.8721, 35.8217, -105.9169



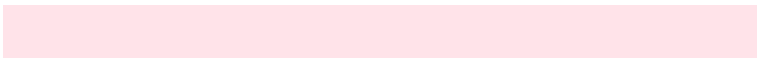
7.8021, 7.5927, -26.1423

Inverse Universe

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



87.3271, 3.6444, 5.0209



90.5941, 5.8852, 5.3125



93.4615, -10.6286, 14.0078



40.6746, 1.9030, 2.3483



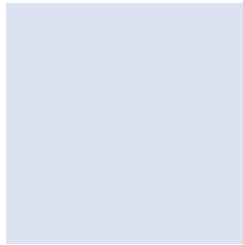
32.5998, 56.3483, 17.0330



9.7421, 16.9910, 3.9129

Previews

White Background



This preview shows how the HunterLab color 87.3132, -3.1653, -3.8328 looks on a white background.

Color Contrast Check

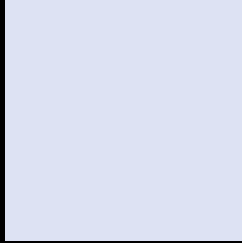
Large Text (above 18pt) WCAG AA × Fail

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 87.3132, -3.1653, -3.8328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

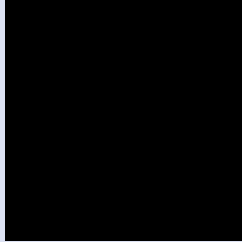
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

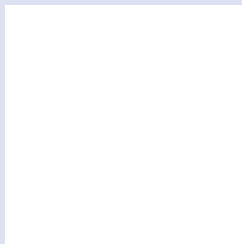
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.3132, -3.1653, -3.8328 Background



This preview shows how black text looks on a background with the HunterLab color 87.3132, -3.1653, -3.8328.



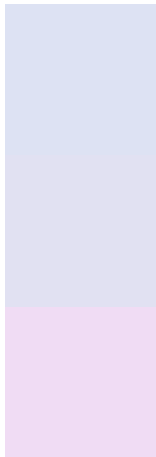
This preview shows how white text looks on a background with the HunterLab color 87.3132, -3.1653,

-3.8328.

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

87.3132, -3.1653, -3.8328

Protanopia

87.3320, -1.5733, -3.2449

Deuteranopia

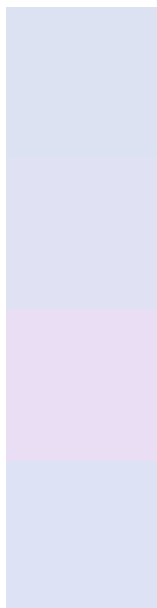
87.3174, 6.3560, -4.1998



Tritanopia

87.3479, -2.9759, -4.3241

Trichromacy



Original Color

87.3132, -3.1653, -3.8328

Protanomaly

87.2402, -1.8896, -3.3670

Deuteranomaly

87.2341, 2.9649, -4.3660

Tritanomaly

87.3479, -2.9759, -4.3241

Monochromacy



Original Color

87.3132, -3.1653, -3.8328

Achromatopsia

87.2081, -4.6532, 4.7382

Achromatomaly

87.2159, -4.2415, 1.7687

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.3132, -3.1653, -3.8328 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, 226, 243)` looks like.

```
.text, #text, p{  
    color:rgb(221, 226, 243)  
}
```

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, 226, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 226, 243) }
```

Border

The CSS property to change the border of an element to HunterLab 87.3132, -3.1653, -3.8328 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, 226, 243) }
```


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

```
.border{ border-color:rgb(221, 226, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 226, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 226, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 226, 243);  
box-shadow:4px 4px 4px 4px rgb(221, 226,  
243) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.3132, -3.1653, -3.8328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 226, 243) }
```

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

```
.background{ background-color: rgb(221,  
226, 243) }
```

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