

Converting Colors

HunterLab(90.7466, -47.1149,
2.5664)

Have a look what the booklet for
HunterLab(90.7466, -47.1149,
2.5664) contains.

HunterLab(89.4212, -45.5794, 1.1796)	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(89.4212,
-45.5794, 1.1796)**

Conversions

Conversions Part 1

Format	Color
Hex	5DFFED
RGB	93, 255, 237
RGB Percent	36%, 100%, 93%
CMY	0.6353, 0.0000, 0.0706
CMYK	0.64, 0.00, 0.07, 0.00
HSL	173°, 100%, 68%
HSV	173°, 64%, 100%
XYZ	55.5602, 79.9615, 92.6265
YIQ	204.5100, -90.7740, -39.9420

Conversions

Conversions Part 2

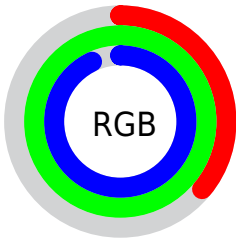
Format	Color
RYB	93, 179, 255
Decimal	6160365
CIELab	91.67, -46.02, -3.87
CIELCh	92, 46.179, 184.810
Yxy	79.9621, 0.2435, 0.3505
Android (android.graphics.Color)	4284350445 (0xFF5DFFED)
YUV	204.5100, 16.0176, -97.7943
Hunter-Lab	89.4212, -45.5794, 1.1796

Details

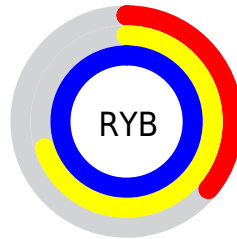
The HunterLab color **89.4212, -45.5794, 1.1796** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light muted cyan. A complement of this color would be **54.9890, 59.6622, 18.7114**, and the grayscale version is **77.8871, -4.1559, 4.2318**.

A 20% lighter version of the original color is **92.7960, -31.3820, -3.8165**, and **65.7789, -38.2990, 0.4586** is the 20% darker color. If you saturate the color by 10%, you get **88.7026, -48.6052, 1.6917**, and if you desaturate by 10%, it is **90.3818, -41.6378, 0.9692**.

Distribution



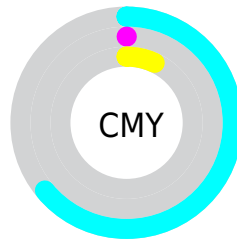
- Red (36%)
- Green (100%)
- Blue (93%)



- Red (36%)
- Yellow (70%)
- Blue (100%)



- Cyan (64%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)



- Cyan (64%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 89.4212, -45.5794, 1.1796 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 89.4212, -45.5794, 1.1796 by changing the saturation by 10% instead.

89.4212, -45.5794,
1.1796

89.4212, -45.5794,
1.1796

222.4421,
-69.7856, 7.1575

77.2575, -42.5815,
0.6850

115.4610,
-51.3141, 2.2815

65.7012, -39.4738,
0.2323

129.2891,
-54.0809, 2.8856

54.7867, -36.2285,
-0.1756

143.6289,
-56.7938, 3.5228

44.5540, -32.8090,
-0.5348

158.4629,
-59.4608, 4.1914

35.0521, -29.1630,
-0.8401

173.7752,
-62.0885, 4.8903

26.3422, -25.2118,
-1.0848

189.5511,

18.5042, -20.8307,

-64.6823, 5.6183

-1.2594

205.7775,
-67.2467, 6.3744

■ 11.6487, -18.7856,
-1.3499

■ 4.2970, -7.5197,
-3.5015

■ 89.4212, -45.5794,
1.1796

■ 89.4212, -45.5794,
1.1796

■ 88.7026, -48.6052,
1.6917

■ 90.3818, -41.6378,
0.9692

■ 88.2048, -50.7726,
2.4773

■ 91.5975, -36.7638,
1.0821

■ 87.9000, -52.1756,
3.4945

■ 93.0777, -30.9648,
1.5284

■ 87.7768, -52.7866,
4.2377

■ 94.8268, -24.2736,
2.3105

■ 96.8455, -16.7420,
3.4232

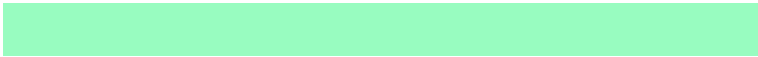
■ 99.1312, -8.4358,
4.8550

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



89.4215, -42.1784, 21.3310



89.4212, -45.5794, 1.1796



89.4215, -39.0050, -23.3839

Triad

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



89.4215, -45.5782, 1.1791



89.4215, 22.5735, -38.2213



89.4215, 15.3275, 35.7349

Complementary

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



89.4212, -45.5794, 1.1796



54.9890, 59.6622, 18.7114

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.



89.4215, 35.5286, 26.1338



89.4212, -45.5794, 1.1796



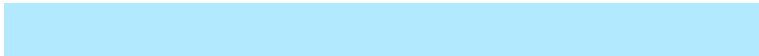
89.4215, 40.0064, -15.4790

Square

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



89.4215, -45.5782, 1.1791



89.4215, -0.9468, -49.5837



89.4215, 44.9756, 8.4051



89.4215, -8.5420, 38.0349

Rectangle

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



89.4212, -45.5794, 1.1796



89.4215, -29.4073, -37.9839



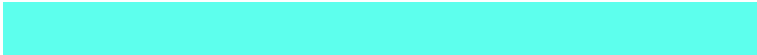
89.4215, 44.9756, 8.4051



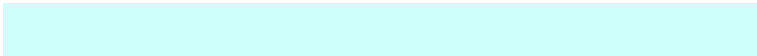
89.4215, 22.8484, 33.4030

Sweetspot

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



89.4215, -45.5782, 1.1791



95.7073, -20.9649, 2.7737



87.0339, -61.2353, 45.5019



44.0182, -10.6758, 1.1442

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



89.4215, -45.5782, 1.1791



88.5598, -49.2184, 1.8620



69.0251, -13.1806, -38.9624



45.2158, -6.2413, 1.8328



63.4611, -38.0909, 2.9064



19.8261, -11.7413, 0.5651

Inverse Universe

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



54.9890, 59.6622, 18.7114



50.2387, 70.0874, 22.5897



67.4745, 27.2999, 32.9540



42.4498, 1.7865, 3.0398



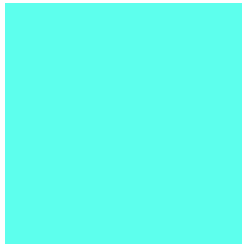
33.4124, 57.3846, 20.3127



10.4745, 18.0861, 5.6197

Previews

White Background



This preview shows how the HunterLab color 89.4212, -45.5794, 1.1796 looks on a white background.

Color Contrast Check

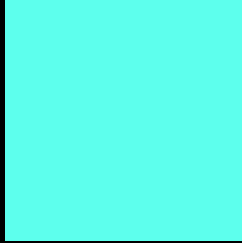
Large Text (above 18pt) WCAG AA × Fail

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 89.4212, -45.5794, 1.1796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

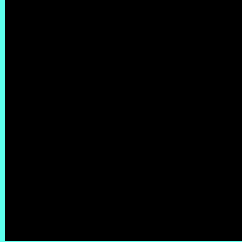
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

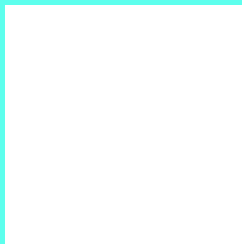
Any Text WCAG AAA ✓ Pass

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

HunterLab 89.4212, -45.5794, 1.1796 Background



This preview shows how black text looks on a background with the HunterLab color 89.4212, -45.5794, 1.1796.



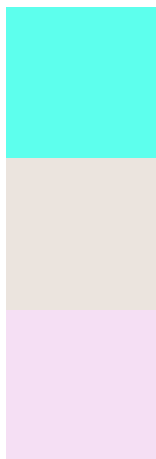
This preview shows how white text looks on a background with the HunterLab color 89.4212, -45.5794, 1.1796.

-45.5794, 1.1796.

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

89.4212, -45.5794, 1.1796

Protanopia

88.5567, -3.4186, 8.2401

Deuteranopia

88.7240, 6.4320, -2.4104



Tritanopia

88.9715, -22.9573, -8.6240

Trichromacy



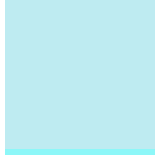
Original Color

89.4212, -45.5794, 1.1796



Protanomaly

87.6142, -22.9999, 4.4057



Deuteranomaly

87.5869, -17.0981, -2.6620



Tritanomaly

88.8603, -32.5918, -5.0696

Monochromacy



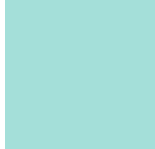
Original Color

89.4212, -45.5794, 1.1796



Achromatopsia

78.1342, -4.1690, 4.2452



Achromatomaly

81.0417, -22.3955, 1.5192

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 89.4212, -45.5794, 1.1796 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(93, 255, 237)` looks like.

```
.text, #text, p{  
    color:rgb(93, 255, 237)  
}
```

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(93, 255, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 255, 237) }
```

Border

The CSS property to change the border of an element to HunterLab 89.4212, -45.5794, 1.1796 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(93, 255, 237) }
```


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

```
.border{ border-color:rgb(93, 255, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 255, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 255, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 255, 237);  
box-shadow:4px 4px 4px 4px rgb(93, 255,  
237) }
```

Background

The CSS property to change the background color of an element to HunterLab 89.4212, -45.5794, 1.1796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 255, 237) }
```

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

```
.background{ background-color: rgb(93, 255,  
237) }
```

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