

Converting Colors

HunterLab(64.1586, 54.5535,
-12.5862)

Have a look what the booklet for
HunterLab(64.1586, 54.5535,
-12.5862) contains.

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Color

**HunterLab(64.0765, 54.6152,
-12.4196)**

Conversions

Conversions Part 1

Format	Color
Hex	FF80CC
RGB	255, 128, 204
RGB Percent	100%, 50%, 80%
CMY	0.0000, 0.4980, 0.2000
CMYK	0.00, 0.50, 0.20, 0.00
HSL	324°, 100%, 75%
HSV	324°, 50%, 100%
XYZ	59.8582, 41.0580, 61.8968
YIQ	174.6370, 51.2960, 50.5600

Conversions

Conversions Part 2

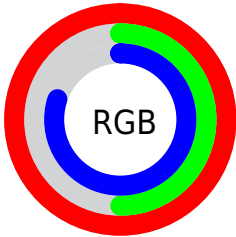
Format	Color
R _Y B	255, 128, 204
Decimal	16744652
CIE Lab	70.22, 56.95, -17.03
CIE LCh	70, 59.445, 343.355
Yxy	41.0598, 0.3676, 0.2522
Android (android.graphics.Color)	4294934732 (0xFFFF80CC)
YUV	174.6370, 14.4760, 70.4784
Hunter-Lab	64.0765, 54.6152, -12.4196

Details

The HunterLab color $64.0765, 54.6152, -12.4196$ is a light color, and the websafe version is hex $FF66CC$. A complement of this color would be $89.0869, -50.1077, 25.6320$, and the grayscale version is $65.2518, -3.4817, 3.5453$.

A 20% lighter version of the original color is $79.2218, 33.5725, -21.4010$, and $43.2468, 50.8355, -12.0197$ is the 20% darker color. If you saturate the color by 10%, you get $58.9466, 65.6699, -13.7221$, and if you desaturate by 10%, it is $70.0544, 42.7276, -10.0645$.

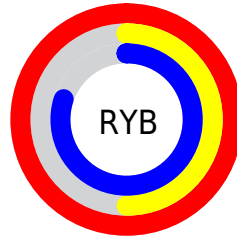
Distribution



Red (100%)

Green (50%)

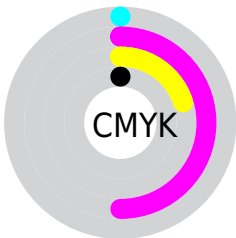
Blue (80%)



Red (100%)

Yellow (50%)

Blue (80%)

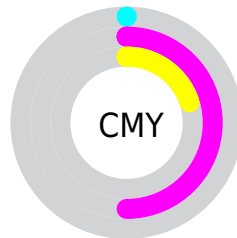


Cyan (0%)

Magenta (50%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (50%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 64.0765, 54.6152, -12.4196 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 64.0765, 54.6152, -12.4196 by changing the saturation by 10% instead.


 64.0765, 54.6152,
-12.4196


 64.0765, 54.6152,
-12.4196


187.2353, 66.9488,
-11.2915


 53.2596, 52.7681,
-12.2732


 87.6212, 57.9855,
-12.5214

 43.1296, 50.8220,
-12.0608

 100.2818, 59.5224,
-12.4880

 33.7384, 48.7882,
-11.7770


 113.4995, 60.9656,
-12.4026

 25.1494, 46.7115,
-11.4215

127.2518, 62.3204,
-12.2682

 17.4460, 44.7196,
-11.0046

141.5186, 63.5917,
-12.0876

 10.7450, 43.2133,
-10.5778

156.2820, 64.7841,

 1.5529, 175.7151,

-11.8633

-46.2322

171.5258, 65.9018,
-11.5972

0.0000, INF, -NF

0.0000, NaN, NaN

■ 64.0765, 54.6152,
-12.4196

■ 64.0765, 54.6152,
-12.4196

■ 58.9466, 65.6699,
-13.7221

■ 70.0544, 42.7276,
-10.0645

■ 54.7808, 75.1883,
-13.7229

■ 76.7535, 30.5253,
-6.9111

■ 51.6722, 82.3523,
-12.2444

■ 84.0650, 18.3145,
-3.1644

■ 49.6436, 86.5191,
-9.3002

■ 91.8955, 6.2595,
1.0188

■ 48.5430, 87.7971,

100.0000, -5.3358,

-5.2532

5.4332

■ 48.5248, 87.8121,
-5.1705

Harmonies

Analogous

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



64.0780, 36.4689, -44.1058



64.0765, 54.6152, -12.4196



64.0780, 55.6450, 13.9245

Triad

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



64.0780, 54.6117, -12.4180



64.0780, -15.0326, 35.4226



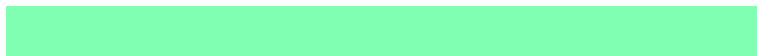
64.0780, -37.1145, -40.7905

Complementary

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



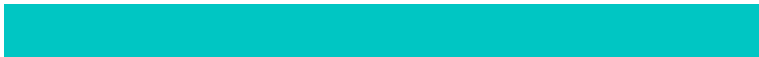
64.0765, 54.6152, -12.4196



89.0869, -50.1077, 25.6320

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.



64.0780, -46.6908, -9.0661



64.0765, 54.6152, -12.4196



64.0780, -35.4481, 30.0971

Square

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



64.0780, 54.6117, -12.4180



64.0780, 12.2163, 35.1446



64.0780, -46.1364, 16.1372



64.0780, -17.6918, -64.6029

Rectangle

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



64.0765, 54.6152, -12.4196



64.0780, 46.2347, 25.2141



64.0780, -46.1364, 16.1372



64.0780, -41.4354, -30.2368

Sweetspot

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



64.0780, 54.6117, -12.4180



87.7649, 12.5013, -1.2026



56.7632, 40.0202, -63.1414



39.8459, 6.9621, -0.9602

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.0780, 54.6117, -12.4180



58.8540, 65.8768, -13.7356



62.1406, 45.6403, 15.1556



42.6258, 2.7320, 0.5313



35.1196, 63.6316, -4.3465



11.0568, 20.2094, -2.7336

Inverse Universe

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



64.0780, 54.6117, -12.4180



58.8540, 65.8768, -13.7356



90.8508, -39.6584, 0.3109



42.6258, 2.7320, 0.5313



35.1196, 63.6316, -4.3465



11.0568, 20.2094, -2.7336

Previews

White Background



This preview shows how the HunterLab color 64.0765, 54.6152, -12.4196 looks on a white background.

Color Contrast Check

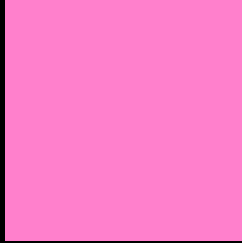
Large Text (above 18pt) WCAG AA × Fail

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 64.0765, 54.6152, -12.4196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

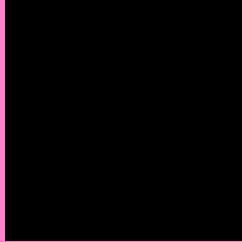
Any Text WCAG AA ✓ Pass

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 64.0765, 54.6152, -12.4196 Background



This preview shows how black text looks on a background with the HunterLab color 64.0765, 54.6152, -12.4196.



This preview shows how white text looks on a background with the HunterLab color 64.0765, 54.6152, -12.4196.

-12.4196.

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

64.0765, 54.6152, -12.4196

Protanopia

64.4670, 5.0043, -31.7789

Deuteranopia

64.3301, 4.5506, -8.9652



Tritanopia

64.0244, 38.9609, 13.4131

Trichromacy



Original Color

64.0765, 54.6152, -12.4196



Protanomaly

63.1243, 21.0979, -26.3053



Deuteranomaly

63.1916, 22.1591, -11.9435



Tritanomaly

63.9732, 44.4801, 4.9525

Monochromacy



Original Color

64.0765, 54.6152, -12.4196



Achromatopsia

65.4745, -3.4936, 3.5574



Achromatomaly

63.9033, 16.6370, -3.4326

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.0765, 54.6152, -12.4196 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(255, 128, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 128, 204)  
}
```

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(255, 128, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 128, 204) }
```

Border

The CSS property to change the border of an element to HunterLab 64.0765, 54.6152, -12.4196 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(255, 128, 204) }
```


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

```
.border{ border-color:rgb(255, 128, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 128, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 128, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 128, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 128,  
204) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.0765, 54.6152, -12.4196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 128, 204) }
```

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

```
.background{ background-color: rgb(255,  
128, 204) }
```

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](#).

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