

Converting Colors

HunterLab(58.6518, 65.0051,
-10.9045)

Have a look what the booklet for
HunterLab(58.6518, 65.0051,
-10.9045) contains.

HunterLab(58.6460, 64.9804, -10.8244)	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(58.6460, 64.9804,
-10.8244)**

Conversions

Conversions Part 1

Format	Color
Hex	FF66BC
RGB	255, 102, 188
RGB Percent	100%, 40%, 74%
CMY	0.0000, 0.6000, 0.2627
CMYK	0.00, 0.60, 0.26, 0.00
HSL	326°, 100%, 70%
HSV	326°, 60%, 100%
XYZ	55.0684, 34.3935, 51.3131
YIQ	157.5510, 63.5820, 59.1820

Conversions

Conversions Part 2

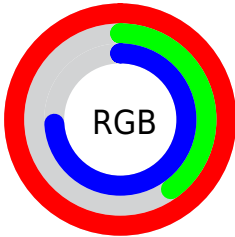
Format	Color
R _Y B	255, 102, 188
Decimal	16737980
CIE Lab	65.28, 66.51, -15.51
CIE LCh	65, 68.293, 346.872
Yxy	34.3952, 0.3912, 0.2443
Android (android.graphics.Color)	4294928060 (0xFFFF66BC)
YUV	157.5510, 15.0114, 85.4628
Hunter-Lab	58.6460, 64.9804, -10.8244

Details

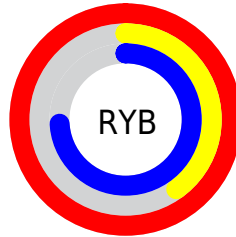
The HunterLab color **58.6460, 64.9804, -10.8244** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **87.8693, -55.4450, 27.8439**, and the grayscale version is **58.2145, -3.1062, 3.1629**.

A 20% lighter version of the original color is **72.7553, 44.7618, -24.1326**, and **38.4739, 60.7414, -10.5525** is the 20% darker color. If you saturate the color by 10%, you get **54.4673, 74.3714, -10.3187**, and if you desaturate by 10%, it is **63.7979, 54.0550, -10.0516**.

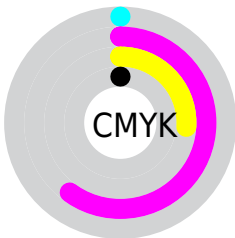
Distribution



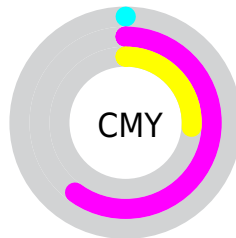
- Red (100%)
- Green (40%)
- Blue (74%)



- Red (100%)
- Yellow (40%)
- Blue (74%)



- Cyan (0%)
- Magenta (60%)
- Yellow (26%)
- Black (0%)





- Cyan (0%)
- Magenta (60%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 58.6460, 64.9804, -10.8244 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 58.6460, 64.9804, -10.8244 by changing the saturation by 10% instead.


 58.6460, 64.9804,
-10.8244

 58.6460, 64.9804,
-10.8244


179.4132, 80.3168,
-9.4601

 48.1637, 62.8140,
-10.7002


 81.5769, 69.0293,
-10.8771

 38.3918, 60.5855,
-10.5076


 93.9528, 70.9102,
-10.8178

 29.3882, 58.3457,
-10.2406


 106.8982, 72.6955,
-10.7060

 21.2249, 56.2291,
-9.8986

 120.3889, 74.3885,
-10.5449

 13.9994, 54.6015,
-9.4952

134.4038, 75.9931,
-10.3373

 7.6419, 56.9622,
-9.6633

148.9238, 77.5133,

0.0000, INF, -NF

-10.0859

0.0000, INF, NaN

163.9321, 78.9533,
-9.7928

0.0000, NaN, NaN

■ 58.6460, 64.9804,
-10.8244

■ 58.6460, 64.9804,
-10.8244

■ 54.4673, 74.3714,
-10.3187

■ 63.7979, 54.0550,
-10.0516

■ 51.3511, 81.4244,
-8.4010

■ 69.7962, 42.3191,
-8.2319

■ 49.3224, 85.4929,
-5.1238

■ 76.5184, 30.2729,
-5.5965

■ 48.2218, 86.7137,
-0.8814

■ 83.8534, 18.2225,
-2.3443

■ 48.2215, 86.7140,
-0.8800

■ 91.7072, 6.3287,
1.3706

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.



58.6475, 45.6657, -48.6574



58.6460, 64.9804, -10.8244



58.6475, 63.5871, 17.0932

Triad

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



58.6475, 64.9766, -10.8227



58.6475, -19.0841, 35.3001



58.6475, -37.8469, -53.2809

Complementary

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



58.6460, 64.9804, -10.8244



87.8693, -55.4450, 27.8439

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.



58.6475, -49.0757, -15.2537



58.6460, 64.9804, -10.8244



58.6475, -39.8460, 29.8268

Square

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



58.6475, 64.9766, -10.8227



58.6475, 10.6775, 35.5626



58.6475, -49.7243, 14.4243



58.6475, -15.7721, -80.3495

Rectangle

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



58.6460, 64.9804, -10.8244



58.6475, 51.0551, 27.6410



58.6475, -49.7243, 14.4243



58.6475, -42.8010, -40.6824

Sweetspot

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



58.6475, 64.9766, -10.8227



85.3829, 15.8319, -1.6353



50.0826, 51.4113, -80.2401



38.4740, 8.9374, -1.2318

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



58.6475, 64.9766, -10.8227



53.7558, 75.9973, -10.0494



56.5145, 55.6392, 19.6522



42.6123, 2.6597, 0.7232



34.9010, 62.8406, -1.2574



10.9908, 19.9717, -1.8093

Inverse Universe

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



58.6475, 64.9766, -10.8227



53.7558, 75.9973, -10.0494



89.9587, -42.9539, -2.1501



42.6123, 2.6597, 0.7232



34.9010, 62.8406, -1.2574



10.9908, 19.9717, -1.8093

Previews

White Background



This preview shows how the HunterLab color 58.6460, 64.9804, -10.8244 looks on a white background.

Color Contrast Check

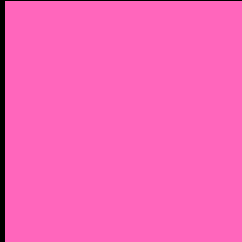
Large Text (above 18pt) WCAG AA × Fail

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 58.6460, 64.9804, -10.8244 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 58.6460, 64.9804, -10.8244 Background



This preview shows how black text looks on a background with the HunterLab color 58.6460, 64.9804, -10.8244.



This preview shows how white text looks on a background with the HunterLab color 58.6460, 64.9804, -10.8244.

-10.8244.

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

58.6460, 64.9804, -10.8244

Protanopia

58.8569, 6.3931, -36.8285

Deuteranopia

58.8477, 3.9977, -7.1729



Tritanopia

58.6029, 47.0909, 17.3057

Trichromacy



Original Color

58.6460, 64.9804, -10.8244



Protanomaly

56.6707, 25.6732, -30.4906



Deuteranomaly

57.3564, 25.2856, -10.5247



Tritanomaly

58.5113, 52.9562, 8.5916

Monochromacy



Original Color

58.6460, 64.9804, -10.8244



Achromatopsia

58.4734, -3.1200, 3.1770



Achromatomaly

56.9025, 20.3842, -3.6911

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.6460, 64.9804, -10.8244 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, 102, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 102, 188)  
}
```

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, 102, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 102, 188) }
```

Border

The CSS property to change the border of an element to HunterLab 58.6460, 64.9804, -10.8244 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, 102, 188) }
```


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

```
.border{ border-color:rgb(255, 102, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 102, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 102, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 102, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 102,  
188) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.6460, 64.9804, -10.8244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 102, 188) }
```

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

```
.background{ background-color: rgb(255,  
102, 188) }
```

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