

Converting Colors

HunterLab(58.9972, 66.4930,
-15.7352)

Have a look what the booklet for
HunterLab(58.9972, 66.4930,
-15.7352) contains.

HunterLab(58.9864, 66.4466, -15.5848)	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(58.9864, 66.4466,
-15.5848)**

Conversions

Conversions Part 1

Format	Color
Hex	FF66C5
RGB	255, 102, 197
RGB Percent	100%, 40%, 77%
CMY	0.0000, 0.6000, 0.2274
CMYK	0.00, 0.60, 0.23, 0.00
HSL	323°, 100%, 70%
HSV	323°, 60%, 100%
XYZ	56.0694, 34.7940, 56.5840
YIQ	158.5770, 60.6930, 61.9810

Conversions

Conversions Part 2

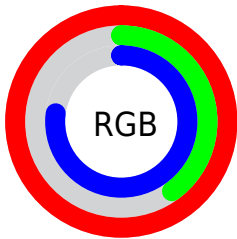
Format	Color
R _Y B	255, 102, 197
Decimal	16737989
CIE Lab	65.59, 67.66, -20.13
CIE LCh	66, 70.594, 343.436
Yxy	34.7956, 0.3803, 0.2360
Android (android.graphics.Color)	4294928069 (0xFFFF66C5)
YUV	158.5770, 18.9425, 84.5630
Hunter-Lab	58.9864, 66.4466, -15.5848

Details

The HunterLab color **58.9864, 66.4466, -15.5848** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **87.6833, -56.5727, 30.5490**, and the grayscale version is **58.6183, -3.1277, 3.1848**.

A 20% lighter version of the original color is **73.1829, 46.8135, -30.0511**, and **38.6930, 62.1808, -14.8887** is the 20% darker color. If you saturate the color by 10%, you get **54.8647, 75.9808, -15.8708**, and if you desaturate by 10%, it is **64.0774, 55.3323, -13.9713**.

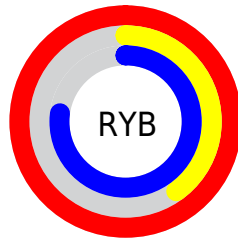
Distribution



Red (100%)

Green (40%)

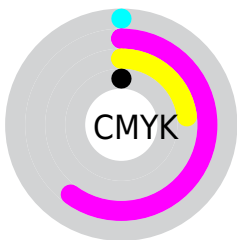
Blue (77%)



Red (100%)

Yellow (40%)

Blue (77%)

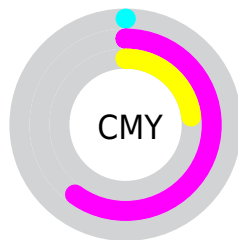


Cyan (0%)

Magenta (60%)

Yellow (23%)

Black (0%)



Cyan (0%)

Magenta (60%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.9864, 66.4466, -15.5848 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 58.9864, 66.4466, -15.5848 by changing the saturation by 10% instead.

58.9864, 66.4466,
-15.5848

58.9864, 66.4466,
-15.5848

179.9070, 82.0614,
-15.5585

48.4824, 64.2535,
-15.3027

81.9567, 70.5548,
-15.9524

38.6875, 62.0020,
-14.9558

94.3510, 72.4667,
-16.0476

29.6587, 59.7452,
-14.5445

107.3138, 74.2834,
-16.0877

21.4676, 57.6221,
-14.0821

120.8213, 76.0079,
-16.0757

14.2109, 56.0060,
-13.6171

134.8523, 77.6441,
-16.0143

7.8661, 57.8690,
-13.8422

149.3879, 79.1958,

0.0000, INF, -NF

-15.9061

0.0000, INF, NaN

164.4113, 80.6669,
-15.7535

0.0000, NaN, NaN

■ 58.9864, 66.4466,
-15.5848

■ 58.9864, 66.4466,
-15.5848

■ 54.8647, 75.9808,
-15.8708

■ 64.0774, 55.3323,
-13.9713

■ 51.7970, 83.1324,
-14.6393

■ 70.0145, 43.3701,
-11.3050

■ 49.8039, 87.2662,
-11.8848

■ 76.6776, 31.0726,
-7.8443

■ 48.7240, 88.5303,
-7.9719

■ 83.9563, 18.7578,
-3.8021

■ 48.7237, 88.5305,
-7.9706

■ 91.7570, 6.5955,
0.6621

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.



58.9878, 44.2675, -55.4322



58.9864, 66.4466, -15.5848



58.9878, 67.6564, 15.0391

Triad

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



58.9878, 66.4428, -15.5831



58.9878, -16.5112, 36.1834



58.9878, -40.8442, -51.3708

Complementary

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



58.9864, 66.4466, -15.5848



87.6833, -56.5727, 30.5490

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.



58.9878, -51.0686, -11.7241



58.9864, 66.4466, -15.5848



58.9878, -39.1312, 31.5135

Square

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



58.9878, 66.4428, -15.5831



58.9878, 15.0328, 35.9681



58.9878, -50.5152, 17.3282



58.9878, -19.3675, -82.4107

Rectangle

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



58.9864, 66.4466, -15.5848



58.9878, 56.0376, 26.8705



58.9878, -50.5152, 17.3282



58.9878, -45.4894, -37.9185

Sweetspot

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



58.9878, 66.4428, -15.5831



85.4749, 16.3136, -2.9402



48.9940, 48.7837, -83.4454



38.5239, 9.1964, -1.9389

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



58.9878, 66.4428, -15.5831



54.1637, 77.6297, -15.7494



56.7271, 56.5820, 16.5628



42.6342, 2.7770, 0.4120



35.2628, 64.1484, -6.3590



11.0995, 20.3630, -3.3294

Inverse Universe

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



58.9878, 66.4428, -15.5831



54.1637, 77.6297, -15.7494



89.6216, -44.9473, 2.6405



42.6342, 2.7770, 0.4120



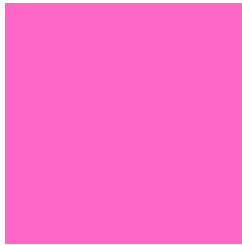
35.2628, 64.1484, -6.3590



11.0995, 20.3630, -3.3294

Previews

White Background



This preview shows how the HunterLab color 58.9864, 66.4466, -15.5848 looks on a white background.

Color Contrast Check

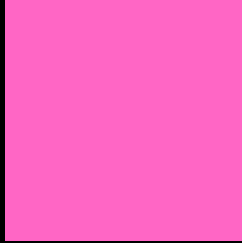
Large Text (above 18pt) WCAG AA × Fail

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 58.9864, 66.4466, -15.5848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

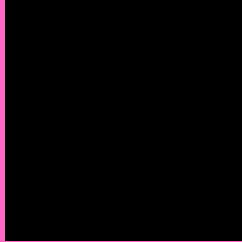
Any Text WCAG AA ✓ Pass

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 58.9864, 66.4466, -15.5848 Background



This preview shows how black text looks on a background with the HunterLab color 58.9864, 66.4466, -15.5848.



This preview shows how white text looks on a background with the HunterLab color 58.9864, 66.4466, -15.5848.

-15.5848.

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

58.9864, 66.4466, -15.5848

Protanopia

59.3233, 7.5309, -44.1570

Deuteranopia

59.1846, 4.3141, -11.6851



Tritanopia

59.0472, 46.2897, 17.0337

Trichromacy



Original Color

58.9864, 66.4466, -15.5848



Protanomaly

57.0668, 26.4897, -36.9038



Deuteranomaly

57.4597, 26.2671, -15.5914



Tritanomaly

58.8103, 52.9578, 7.2177

Monochromacy



Original Color

58.9864, 66.4466, -15.5848



Achromatopsia

58.8816, -3.1418, 3.1991



Achromatomaly

57.1519, 21.4145, -5.4225

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.9864, 66.4466, -15.5848 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, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 102, 197)  
}
```

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, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 102, 197) }
```

Border

The CSS property to change the border of an element to HunterLab 58.9864, 66.4466, -15.5848 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, 197) }
```


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

```
.border{ border-color:rgb(255, 102, 197) }
```

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, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 102, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 102, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 102,  
197) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.9864, 66.4466, -15.5848 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, 197) }
```

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

```
.background{ background-color: rgb(255,  
102, 197) }
```

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