

Converting Colors

HunterLab(59.2305, 67.4943,
-18.9822)

Have a look what the booklet for
HunterLab(59.2305, 67.4943,
-18.9822) contains.

HunterLab(59.2238, 67.4654, -18.8886)	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(59.2238, 67.4654,
-18.8886)**

Conversions

Conversions Part 1

Format	Color
Hex	FF66CB
RGB	255, 102, 203
RGB Percent	100%, 40%, 80%
CMY	0.0000, 0.6000, 0.2039
CMYK	0.00, 0.60, 0.20, 0.00
HSL	320°, 100%, 70%
HSV	320°, 60%, 100%
XYZ	56.7709, 35.0746, 60.2779
YIQ	159.2610, 58.7670, 63.8470

Conversions

Conversions Part 2

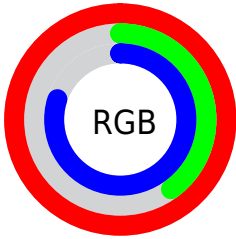
Format	Color
R _Y B	255, 102, 203
Decimal	16737995
CIE Lab	65.81, 68.46, -23.17
CIE LCh	66, 72.278, 341.300
Yxy	35.0762, 0.3732, 0.2306
Android (android.graphics.Color)	4294928075 (0xFFFF66CB)
YUV	159.2610, 21.5633, 83.9631
Hunter-Lab	59.2238, 67.4654, -18.8886

Details

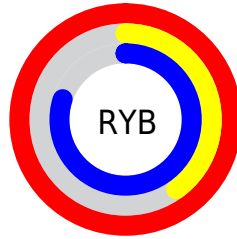
The HunterLab color **59.2238, 67.4654, -18.8886** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **87.5663, -57.2833, 32.2531**, and the grayscale version is **58.8877, -3.1421, 3.1995**.

A 20% lighter version of the original color is **73.2268, 47.0234, -30.6564**, and **38.9336, 63.0977, -18.2050** is the 20% darker color. If you saturate the color by 10%, you get **55.1446, 77.1097, -19.7575**, and if you desaturate by 10%, it is **64.2706, 56.2125, -16.6706**.

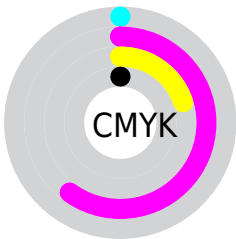
Distribution



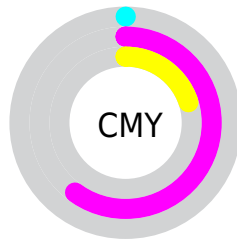
- Red (100%)
- Green (40%)
- Blue (80%)



- Red (100%)
- Yellow (40%)
- Blue (80%)



- Cyan (0%)
- Magenta (60%)
- Yellow (20%)
- Black (0%)





- Cyan (0%)
- Magenta (60%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 59.2238, 67.4654, -18.8886 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 59.2238, 67.4654, -18.8886 by changing the saturation by 10% instead.

 59.2238, 67.4654,
-18.8886


 59.2238, 67.4654,
-18.8886


180.2511, 83.2708,
-19.6905


 48.7048, 65.2542,
-18.5155


 82.2215, 71.6139,
-19.4448

 38.8937, 62.9871,
-18.0834

 94.6285, 73.5470,
-19.6347

 29.8475, 60.7190,
-17.5992


 107.6035, 75.3852,
-19.7687

 21.6372, 58.5917,
-17.0892

 121.1227, 77.1314,
-19.8495

 14.3587, 56.9838,
-16.6339

135.1649, 78.7892,
-19.8798

 8.0186, 58.5496,
-16.9761

149.7114, 80.3625,

0.0000, INF, -NF

-19.8619

0.0000, INF, NaN

164.7452, 81.8551,
-19.7981

0.0000, NaN, NaN

■ 59.2238, 67.4654,
-18.8886

■ 59.2238, 67.4654,
-18.8886

■ 55.1446, 77.1097,
-19.7575

■ 64.2706, 56.2125,
-16.6706

■ 52.1147, 84.3436,
-19.0499

■ 70.1642, 44.0889,
-13.4061

■ 50.1513, 88.5396,
-16.7213

■ 76.7858, 31.6158,
-9.3708

■ 49.0915, 89.8538,
-13.1154

■ 84.0257, 19.1190,
-4.7858

■ 49.0912, 89.8541,
-13.1141

■ 91.7904, 6.7744,
0.1870

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.



59.2252, 43.3825, -60.1148



59.2238, 67.4654, -18.8886



59.2252, 70.4220, 13.6231

Triad

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



59.2252, 67.4616, -18.8869



59.2252, -14.7905, 36.7498



59.2252, -42.8014, -50.1685

Complementary

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



59.2238, 67.4654, -18.8886



87.5663, -57.2833, 32.2531

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.



59.2252, -52.3909, -9.4883



59.2238, 67.4654, -18.8886



59.2252, -38.6753, 32.5631

Square

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



59.2252, 67.4616, -18.8869



59.2252, 17.9774, 36.2470



59.2252, -51.0619, 19.1422



59.2252, -21.7002, -83.8467

Rectangle

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



59.2238, 67.4654, -18.8886



59.2252, 59.4189, 26.3517



59.2252, -51.0619, 19.1422



59.2252, -47.2519, -36.1627

Sweetspot

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



59.2252, 67.4616, -18.8869



85.5369, 16.6383, -3.8196



48.4739, 47.5162, -85.0165



38.5576, 9.3712, -2.4162

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



59.2252, 67.4616, -18.8869



54.4517, 78.7772, -19.7470



56.8418, 57.0896, 14.9005



42.6489, 2.8556, 0.2034



35.5268, 65.0987, -10.0502



11.1776, 20.6428, -4.4113

Inverse Universe

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



59.2252, 67.4616, -18.8869



54.4517, 78.7772, -19.7470



89.4597, -45.9078, 4.9481



42.6489, 2.8556, 0.2034



35.5268, 65.0987, -10.0502



11.1776, 20.6428, -4.4113

Previews

White Background



This preview shows how the HunterLab color 59.2238, 67.4654, -18.8886 looks on a white background.

Color Contrast Check

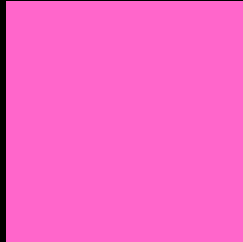
Large Text (above 18pt) WCAG AA × Fail

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 59.2238, 67.4654, -18.8886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

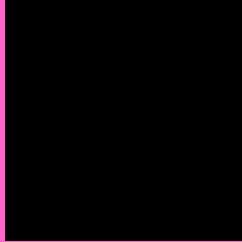
Any Text WCAG AA ✓ Pass

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 59.2238, 67.4654, -18.8886 Background



This preview shows how black text looks on a background with the HunterLab color 59.2238, 67.4654, -18.8886.



This preview shows how white text looks on a background with the HunterLab color 59.2238, 67.4654, -18.8886.

-18.8886.

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

59.2238, 67.4654, -18.8886

Protanopia

59.4757, 8.7384, -49.3148

Deuteranopia

59.4810, 4.2207, -14.1492



Tritanopia

59.1168, 45.4774, 16.7417

Trichromacy



Original Color

59.2238, 67.4654, -18.8886



Protanomaly

57.2000, 27.5579, -41.8694



Deuteranomaly

57.7857, 26.3637, -18.1296



Tritanomaly

58.8949, 53.3403, 6.0061

Monochromacy



Original Color

59.2238, 67.4654, -18.8886



Achromatopsia

58.8816, -3.1418, 3.1991



Achromatomaly

57.2201, 21.7588, -6.3849

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.2238, 67.4654, -18.8886 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, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 102, 203)  
}
```

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, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 102, 203) }
```

Border

The CSS property to change the border of an element to HunterLab 59.2238, 67.4654, -18.8886 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, 203) }
```


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

```
.border{ border-color:rgb(255, 102, 203) }
```

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, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 102, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 102, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 102,  
203) }
```

Background

The CSS property to change the background color of an element to HunterLab 59.2238, 67.4654, -18.8886 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, 203) }
```

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

```
.background{ background-color: rgb(255,  
102, 203) }
```

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