

Converting Colors

HunterLab(50.0465, 83.3835,
-4.9635)

Have a look what the booklet for
HunterLab(50.0465, 83.3835,
-4.9635) contains.

HunterLab(50.0465, 83.3835, -4.9635)	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(50.0465, 83.3835,
-4.9635)**

Conversions

Conversions Part 1

Format	Color
Hex	FF269C
RGB	255, 38, 156
RGB Percent	100%, 15%, 61%
CMY	0.0000, 0.8509, 0.3882
CMYK	0.00, 0.85, 0.39, 0.00
HSL	327°, 100%, 57%
HSV	327°, 85%, 100%
XYZ	47.9339, 25.0465, 33.7605
YIQ	116.3350, 91.4540, 82.7020

Conversions

Conversions Part 2

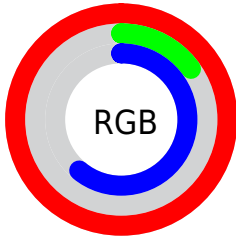
Format	Color
R_{YB}	255, 38, 156
Decimal	16721564
CIE _{Lab}	57.12, 82.81, -9.30
CIE _{LCh}	57, 83.330, 353.596
Yxy	25.0479, 0.4491, 0.2347
Android (android.graphics.Color)	4294911644 (0xFFFF269C)
YUV	116.3350, 19.5548, 121.6092
Hunter-Lab	50.0465, 83.3835, -4.9635

Details

The HunterLab color **50.0465, 83.3835, -4.9635** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle washed rose. A complement of this color would be **85.8715, -64.8889, 35.4312**, and the grayscale version is **41.8267, -2.2318, 2.2725**.

A 20% lighter version of the original color is **61.2385, 63.8374, -20.1803**, and **34.9663, 62.7976, -0.0161** is the 20% darker color. If you saturate the color by 10%, you get **48.5392, 85.8361, -0.9964**, and if you desaturate by 10%, it is **52.6181, 77.8096, -7.7573**.

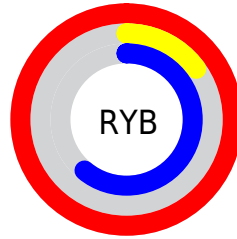
Distribution



Red (100%)

Green (15%)

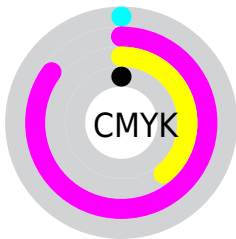
Blue (61%)



Red (100%)

Yellow (15%)

Blue (61%)

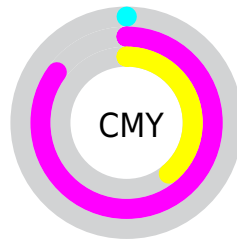


Cyan (0%)

Magenta (85%)

Yellow (39%)

Black (0%)



Cyan (0%)

Magenta (85%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.0465, 83.3835, -4.9635 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 50.0465, 83.3835, -4.9635 by changing the saturation by 10% instead.

50.0465, 83.3835,
-4.9635

50.0465, 83.3835,
-4.9635

166.7563,
103.2912, -1.9533

40.1407, 80.8851,
-5.0379

71.9270, 88.3397,
-4.6253

30.9903, 78.5075,
-5.0432

83.8186, 90.7296,
-4.3755

22.6654, 76.4842,
-4.9688

96.3018, 93.0386,
-4.0769

15.2577, 75.4079,
-4.8045

109.3496, 95.2614,
-3.7328

8.8795, 77.3317,
-4.5817

122.9386, 97.3968,
-3.3462

0.0000, INF, -NF

0.0000, INF, NaN

137.0481, 99.4454,

-2.9193

0.0000, NaN, NaN

151.6596,
101.4094, -2.4544

0.0000, NaN, NaN

■ 50.0465, 83.3835,
-4.9635

■ 50.0465, 83.3835,
-4.9635

■ 48.5392, 85.8361,
-0.9964

■ 52.6181, 77.8096,
-7.7573

■ 48.0769, 86.1893,
1.1747

■ 56.2797, 69.5394,
-9.1832

■ 60.9673, 59.3422,
-9.2740

■ 66.5676, 48.0049,
-8.2080

■ 72.9540, 36.1384,
-6.2111

80.0073, 24.1405,
-3.4956

87.6242, 12.2354,
-0.2353

95.7193, 0.5305,
3.4377

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.



50.0479, 63.8841, -52.1629



50.0465, 83.3835, -4.9635



50.0479, 75.2046, 22.1822

Triad

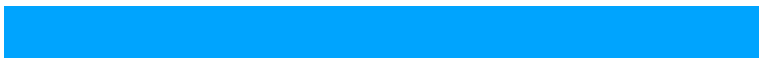
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



50.0479, 83.3787, -4.9619



50.0479, -26.8787, 33.0530



50.0479, -36.6992, -81.1341

Complementary

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



50.0465, 83.3835, -4.9635



85.8715, -64.8889, 35.4312

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.



50.0479, -50.6449, -30.3031



50.0465, 83.3835, -4.9635



50.0479, -46.1617, 27.7815

Square

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



50.0479, 83.3787, -4.9619



50.0479, 5.0629, 33.7279



50.0479, -53.5563, 9.3566



50.0479, -9.9661, -111.9168

Rectangle

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



50.0465, 83.3835, -4.9635



50.0479, 56.0371, 29.8257



50.0479, -53.5563, 9.3566



50.0479, -42.7049, -64.6478

Sweetspot

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



50.0479, 83.3787, -4.9619



79.3403, 25.2316, -3.7678



37.1667, 73.4791, -126.7342



35.5528, 13.5961, -2.2021

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



50.0479, 83.3787, -4.9619



48.0769, 86.1893, 1.1747



47.8208, 74.8984, 27.1932



42.6055, 2.6232, 0.8198



34.7966, 62.4619, 0.2245



10.9589, 19.8566, -1.3611

Inverse Universe

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



50.0479, 83.3787, -4.9619



48.0769, 86.1893, 1.1747



88.5851, -48.4054, -3.6262



42.6055, 2.6232, 0.8198



34.7966, 62.4619, 0.2245



10.9589, 19.8566, -1.3611

Previews

White Background



This preview shows how the HunterLab color 50.0465, 83.3835, -4.9635 looks on a white background.

Color Contrast Check

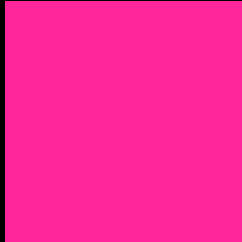
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.0465, 83.3835, -4.9635 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 × Fail

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

HunterLab 50.0465, 83.3835, -4.9635 Background



This preview shows how black text looks on a background with the HunterLab color 50.0465, 83.3835, -4.9635.



This preview shows how white text looks on a background with the HunterLab color 50.0465, 83.3835, -4.9635.

-4.9635.

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

50.0465, 83.3835, -4.9635

Protanopia

50.4614, 8.0919, -45.8952

Deuteranopia

50.0224, 3.5655, -0.8650



Tritanopia

50.0481, 64.7874, 24.7106

Trichromacy



Original Color

50.0465, 83.3835, -4.9635



Protanomaly

45.4220, 34.8906, -38.7935



Deuteranomaly

46.2000, 35.2222, -7.4052



Tritanomaly

49.6999, 71.4346, 16.5674

Monochromacy



Original Color

50.0465, 83.3835, -4.9635



Achromatopsia

41.7908, -2.2299, 2.2706



Achromatomaly

41.0288, 30.5380, -5.2135

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.0465, 83.3835, -4.9635 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, 38, 156)` looks like.

```
.text, #text, p{  
    color:rgb(255, 38, 156)  
}
```

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, 38, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 38, 156) }
```

Border

The CSS property to change the border of an element to HunterLab 50.0465, 83.3835, -4.9635 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, 38, 156) }
```


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

```
.border{ border-color:rgb(255, 38, 156) }
```

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

Here you see how a box with a 4 pixel rgb(255, 38, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 38, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 38, 156);  
box-shadow:4px 4px 4px 4px rgb(255, 38,  
156) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.0465, 83.3835, -4.9635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 38, 156) }
```

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

```
.background{ background-color: rgb(255, 38,  
156) }
```

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