

Converting Colors

HunterLab(54.9535, 81.1770,
0.1207)

Have a look what the booklet for
HunterLab(54.9535, 81.1770,
0.1207) contains.

HunterLab(52.4822, 76.1334, -3.3836)	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(52.4822, 76.1334,
-3.3836)**

Conversions

Conversions Part 1

Format	Color
Hex	FF419F
RGB	255, 65, 159
RGB Percent	100%, 25%, 62%
CMY	0.0000, 0.7450, 0.3765
CMYK	0.00, 0.75, 0.38, 0.00
HSL	330°, 100%, 63%
HSV	330°, 75%, 100%
XYZ	49.3883, 27.5438, 35.5143
YIQ	132.5260, 83.0660, 69.5140

Conversions

Conversions Part 2

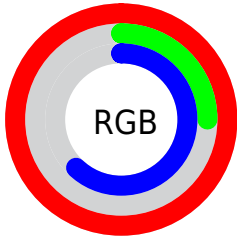
Format	Color
R _Y B	255, 65, 159
Decimal	16728479
CIE Lab	59.48, 76.65, -7.54
CIE LCh	59, 77.020, 354.381
Yxy	27.5453, 0.4392, 0.2450
Android (android.graphics.Color)	4294918559 (0xFFFF419F)
YUV	132.5260, 13.0517, 107.4097
Hunter-Lab	52.4822, 76.1334, -3.3836

Details

The HunterLab color **52.4822, 76.1334, -3.3836** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **86.7283, -60.4440, 29.3286**, and the grayscale version is **48.1728, -2.5704, 2.6173**.

A 20% lighter version of the original color is **64.4619, 56.3733, -17.8061**, and **35.2423, 63.4255, -1.0417** is the 20% darker color. If you saturate the color by 10%, you get **49.8236, 81.8370, -0.2833**, and if you desaturate by 10%, it is **56.2435, 67.7962, -5.2392**.

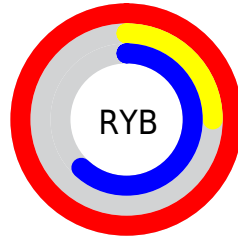
Distribution



Red (100%)

Green (25%)

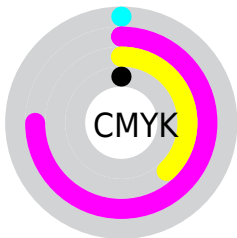
Blue (62%)



Red (100%)

Yellow (25%)

Blue (62%)

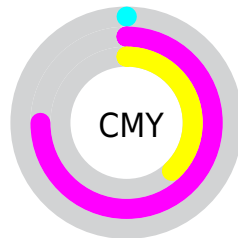


Cyan (0%)

Magenta (75%)

Yellow (38%)

Black (0%)



Cyan (0%)

Magenta (75%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.4822, 76.1334, -3.3836 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 52.4822, 76.1334, -3.3836 by changing the saturation by 10% instead.

52.4822, 76.1334,
-3.3836

52.4822, 76.1334,
-3.3836

170.3784, 94.4659,
0.3191

42.4066, 73.7185,
-3.5531

74.6711, 80.8029,
-2.8691

33.0725, 71.3375,
-3.6588

86.7045, 83.0208,
-2.5371

24.5461, 69.1374,
-3.6904

99.3228, 85.1490,
-2.1596

16.9126, 67.4902,
-3.6365

112.5000, 87.1863,
-1.7396

10.2921, 67.4792,
-3.4835

126.2133, 89.1340,
-1.2797

0.0000, INF, -NF

0.0000, INF, NaN

140.4426, 90.9944,

-0.7821

0.0000, NaN, NaN

155.1697, 92.7706,
-0.2486

0.0000, NaN, NaN

■ 52.4822, 76.1334,
-3.3836

■ 52.4822, 76.1334,
-3.3836

■ 49.8236, 81.8370,
-0.2833

■ 56.2435, 67.7962,
-5.2392

■ 48.2434, 84.4666,
3.8320

■ 61.0303, 57.6271,
-5.8515

■ 47.7182, 84.8836,
6.3014

■ 66.7254, 46.3984,
-5.3597

■ 73.2000, 34.6995,
-3.9598

■ 80.3341, 22.9062,
-1.8441

88.0249, 11.2256,
0.8259

96.1876, -0.2461,
3.9240

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.



52.4836, 59.1356, -45.6459



52.4822, 76.1334, -3.3836



52.4836, 68.1134, 22.1176

Triad

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



52.4836, 76.1289, -3.3820



52.4836, -26.4413, 33.4210



52.4836, -34.7903, -73.3517

Complementary

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



52.4822, 76.1334, -3.3836



86.7283, -60.4440, 29.3286

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.



52.4836, -48.8775, -28.5391



52.4822, 76.1334, -3.3836



52.4836, -44.9539, 27.2045

Square

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



52.4836, 76.1289, -3.3820



52.4836, 3.5340, 34.3867



52.4836, -52.0774, 8.4129



52.4836, -8.8533, -99.2050

Rectangle

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



52.4822, 76.1334, -3.3836



52.4836, 50.4761, 29.9194



52.4836, -52.0774, 8.4129



52.4836, -40.7864, -59.0434

Sweetspot

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



52.4836, 76.1289, -3.3820



82.2118, 19.9648, -1.2218



42.9842, 67.7947, -102.8233



37.0951, 10.7101, -0.8763

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



52.4836, 76.1289, -3.3820



48.9856, 83.4043, 1.4633



50.4221, 67.8291, 26.3744



42.5875, 2.5263, 1.0771



34.5369, 61.5174, 3.9308



10.8785, 19.5654, -0.2235

Inverse Universe

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



52.4836, 76.1289, -3.3820



48.9856, 83.4043, 1.4633



89.3668, -44.5566, -8.4797



42.5875, 2.5263, 1.0771



34.5369, 61.5174, 3.9308



10.8785, 19.5654, -0.2235

Previews

White Background



This preview shows how the HunterLab color 52.4822, 76.1334, -3.3836 looks on a white background.

Color Contrast Check

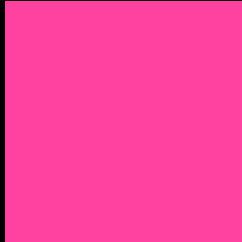
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.4822, 76.1334, -3.3836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

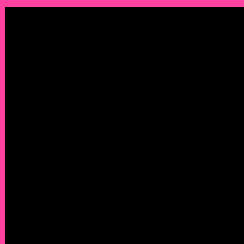
Any Text WCAG AA ✓ Pass

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 52.4822, 76.1334, -3.3836 Background



This preview shows how black text looks on a background with the HunterLab color 52.4822, 76.1334, -3.3836.



This preview shows how white text looks on a background with the HunterLab color 52.4822, 76.1334, -3.3836.

-3.3836.

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

52.4822, 76.1334, -3.3836

Protanopia

52.6480, 5.9129, -35.3867

Deuteranopia

52.5392, 3.7798, 0.3534



Tritanopia

52.3315, 59.8583, 22.5865

Trichromacy



Original Color

52.4822, 76.1334, -3.3836



Protanomaly

49.1100, 29.9560, -28.7218



Deuteranomaly

49.9646, 30.5619, -4.4388



Tritanomaly

52.1710, 65.5261, 15.2027

Monochromacy



Original Color

52.4822, 76.1334, -3.3836



Achromatopsia

48.4304, -2.5841, 2.6313



Achromatomaly

46.9310, 25.7994, -2.9601

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.4822, 76.1334, -3.3836 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, 65, 159)` looks like.

```
.text, #text, p{  
    color:rgb(255, 65, 159)  
}
```

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, 65, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 65, 159) }
```

Border

The CSS property to change the border of an element to HunterLab 52.4822, 76.1334, -3.3836 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, 65, 159) }
```


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

```
.border{ border-color:rgb(255, 65, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 65, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 65, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 65, 159);  
box-shadow:4px 4px 4px 4px rgb(255, 65,  
159) }
```

Background

The CSS property to change the background color of an element to HunterLab 52.4822, 76.1334, -3.3836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 65, 159) }
```

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

```
.background{ background-color: rgb(255, 65,  
159) }
```

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