

Converting Colors

HunterLab(47.9994, 75.9946,
-8.7985)

Have a look what the booklet for
HunterLab(47.9994, 75.9946,
-8.7985) contains.

HunterLab(48.0706, 76.1558, -8.9435)	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(48.0706, 76.1558,
-8.9435)**

Conversions

Conversions Part 1

Format	Color
Hex	F0309E
RGB	240, 48, 158
RGB Percent	94%, 19%, 62%
CMY	0.0588, 0.8117, 0.3804
CMYK	0.00, 0.80, 0.34, 0.06
HSL	326°, 86%, 56%
HSV	326°, 80%, 94%
XYZ	43.1637, 23.1078, 34.5331
YIQ	117.9480, 79.1220, 74.9140

Conversions

Conversions Part 2

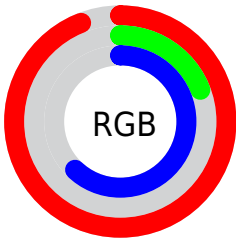
Format	Color
R _{YB}	240, 48, 158
Decimal	15741086
CIE _{Lab}	55.18, 77.50, -13.66
CIE _{LCh}	55, 78.690, 350.003
Y _{xy}	23.1091, 0.4282, 0.2292
Android (android.graphics.Color)	4293931166 (0xFFFF0309E)
YUV	117.9480, 19.7456, 107.0396
Hunter-Lab	48.0706, 76.1558, -8.9435

Details

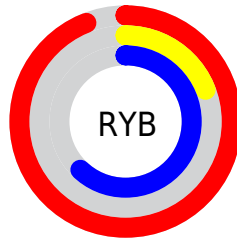
The HunterLab color **48.0706, 76.1558, -8.9435** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **80.3499, -59.7263, 32.8780**, and the grayscale version is **42.4509, -2.2651, 2.3064**.

A 20% lighter version of the original color is **61.9076, 62.8764, -21.0411**, and **32.6270, 59.1283, -4.1374** is the 20% darker color. If you saturate the color by 10%, you get **46.1621, 80.0279, -6.0055**, and if you desaturate by 10%, it is **50.9888, 69.5118, -10.5839**.

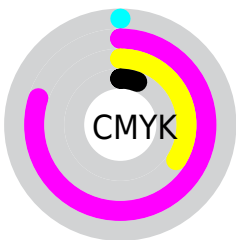
Distribution



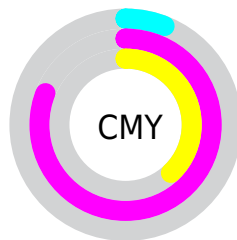
- Red (94%)
- Green (19%)
- Blue (62%)



- Red (94%)
- Yellow (19%)
- Blue (62%)



- Cyan (0%)
- Magenta (80%)
- Yellow (34%)
- Black (6%)



- Cyan (6%)
- Magenta (81%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.0706, 76.1558, -8.9435 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 48.0706, 76.1558, -8.9435 by changing the saturation by 10% instead.

48.0706, 76.1558,
-8.9435

48.0706, 76.1558,
-8.9435

163.7940, 94.9999,
-7.4563

38.3068, 73.7306,
-8.8196

69.6939, 80.9161,
-8.9831

29.3104, 71.3978,
-8.6218

81.4675, 83.1926,
-8.9126

21.1551, 69.3807,
-8.3440

93.8382, 85.3820,
-8.7875

13.9387, 68.2709,
-7.9901

106.7785, 87.4813,
-8.6115

7.5760, 72.9220,
-8.1599

120.2644, 89.4905,
-8.3877

0.0000, INF, -NF

0.0000, INF, NaN

134.2745, 91.4115,

-8.1189

0.0000, NaN, NaN

148.7901, 93.2469,
-7.8078

0.0000, NaN, NaN

■ 48.0706, 76.1558,
-8.9435

■ 48.0706, 76.1558,
-8.9435

■ 46.1621, 80.0279,
-6.0055

■ 50.9888, 69.5118,
-10.5839

■ 45.1067, 81.2805,
-2.1385

■ 54.8894, 60.7091,
-10.8970

■ 45.1061, 81.2811,
-2.1360

■ 59.6870, 50.4970,
-10.0214

■ 65.2688, 39.5326,
-8.1748

■ 71.5209, 28.2809,
-5.5770

■ 78.3406, 17.0249,
-2.4138

■ 85.6414, 5.9139,
1.1717

■ 93.3522, -4.9877,
5.0743

■ 98.4701, -11.0058,
5.9001

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



48.0719, 55.5668, -53.7335



48.0706, 76.1558, -8.9435



48.0719, 71.7484, 18.8847

Triad

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



48.0719, 76.1516, -8.9419



48.0719, -22.2044, 31.7009



48.0719, -36.6168, -69.2505

Complementary

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



48.0706, 76.1558, -8.9435



80.3499, -59.7263, 32.8780

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.



48.0719, -48.4636, -22.6078



48.0706, 76.1558, -8.9435



48.0719, -41.8128, 27.3446

Square

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



48.0719, 76.1516, -8.9419



48.0719, 8.8178, 32.0964



48.0719, -50.0707, 11.8685



48.0719, -12.9830, -101.1004

Rectangle

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



48.0706, 76.1558, -8.9435



48.0719, 55.5609, 27.3462



48.0719, -50.0707, 11.8685



48.0719, -41.8101, -53.7429

Sweetspot

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



48.0719, 76.1516, -8.9419



80.8727, 23.1514, -4.0323



36.0504, 64.1093, -112.2446



36.2147, 12.7073, -2.4193

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.0719, 76.1516, -8.9419



48.6803, 86.7501, -3.8554



45.8375, 67.4467, 23.1489



39.8881, 2.4776, 0.6337



33.4136, 60.2853, -2.1568



9.7400, 17.7585, -2.0659

Inverse Universe

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



48.0719, 76.1516, -8.9419



48.6803, 86.7501, -3.8554



82.6625, -45.6851, -0.4457



39.8881, 2.4776, 0.6337



33.4136, 60.2853, -2.1568



9.7400, 17.7585, -2.0659

Previews

White Background



This preview shows how the HunterLab color 48.0706, 76.1558, -8.9435 looks on a white background.

Color Contrast Check

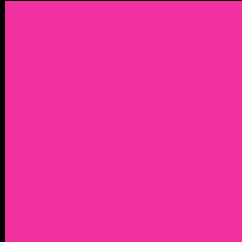
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.0706, 76.1558, -8.9435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

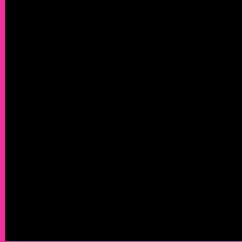
Any Text WCAG AA ✓ Pass

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 48.0706, 76.1558, -8.9435 Background



This preview shows how black text looks on a background with the HunterLab color 48.0706, 76.1558, -8.9435.



This preview shows how white text looks on a background with the HunterLab color 48.0706, 76.1558, -8.9435.

-8.9435.

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

48.0706, 76.1558, -8.9435

Protanopia

48.5073, 8.4913, -47.7213

Deuteranopia

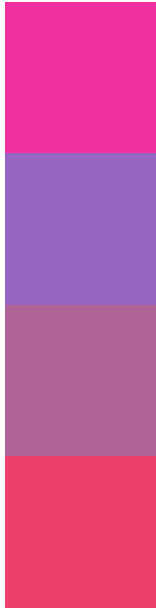
48.2099, 3.2975, -4.6917



Tritanopia

48.0726, 57.2870, 21.7354

Trichromacy



Original Color

48.0706, 76.1558, -8.9435

Protanomaly

44.2591, 31.6704, -40.5456

Deuteranomaly

45.2717, 30.7954, -10.4687

Tritanomaly

47.7982, 63.7490, 13.3149

Monochromacy



Original Color

48.0706, 76.1558, -8.9435

Achromatopsia

42.5634, -2.2711, 2.3126

Achromatomaly

41.4771, 26.6050, -5.6964

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.0706, 76.1558, -8.9435 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(240, 48, 158)` looks like.

```
.text, #text, p{  
    color:rgb(240, 48, 158)  
}
```

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(240, 48, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 48, 158) }
```

Border

The CSS property to change the border of an element to HunterLab 48.0706, 76.1558, -8.9435 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(240, 48, 158) }
```


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

```
.border{ border-color:rgb(240, 48, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 48, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 48, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 48, 158);  
box-shadow:4px 4px 4px 4px rgb(240, 48,  
158) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.0706, 76.1558, -8.9435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 48, 158) }
```

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

```
.background{ background-color: rgb(240, 48,  
158) }
```

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