

# Converting Colors

HunterLab(51.7069, 94.9228,  
-39.5785)

Have a look what the booklet for  
HunterLab(51.7069, 94.9228,  
-39.5785) contains.

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# Color

**HunterLab(51.6990, 94.8805,  
-39.4418)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF17D6
RGB	255, 23, 214
RGB Percent	100%, 9%, 84%
CMY	0.0000, 0.9097, 0.1608
CMYK	0.00, 0.91, 0.16, 0.00
HSL	311°, 100%, 55%
HSV	311°, 91%, 100%
XYZ	53.6841, 26.7279, 65.9479
YIQ	114.1420, 76.9610, 108.5850

# Conversions

## Conversions Part 2

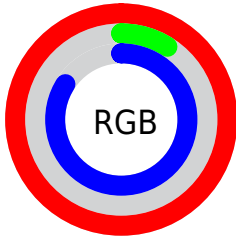
Format	Color
R <sub>Y</sub> B	255, 23, 214
Decimal	16717782
CIE <sub>Lab</sub>	58.72, 91.23, -40.39
CIE <sub>LCh</sub>	59, 99.767, 336.122
Yxy	26.7291, 0.3668, 0.1826
Android (android.graphics.Color)	4294907862 (0xFFFF17D6)
YUV	114.1420, 49.2300, 123.5325
Hunter-Lab	51.6990, 94.8805, -39.4418

# Details

The HunterLab color **51.6990, 94.8805, -39.4418** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **84.8958, -70.6876, 47.6843**, and the grayscale version is **40.8776, -2.1811, 2.2210**.

A 20% lighter version of the original color is **62.6140, 74.7371, -49.6944**, and **37.2030, 70.4396, -28.1169** is the 20% darker color. If you saturate the color by 10%, you get **50.9015, 96.3048, -37.9165**, and if you desaturate by 10%, it is **53.3911, 90.5789, -39.5602**.

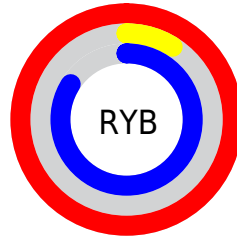
# Distribution



Red (100%)

Green (9%)

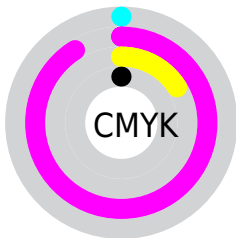
Blue (84%)



Red (100%)

Yellow (9%)

Blue (84%)

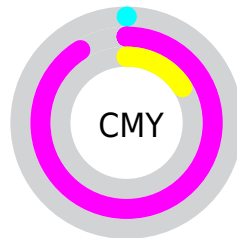


Cyan (0%)

Magenta (91%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (91%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.6990, 94.8805, -39.4418 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 51.6990, 94.8805, -39.4418 by changing the saturation by 10% instead.



51.6990, 94.8805,  
-39.4418

51.6990, 94.8805,  
-39.4418

169.2167,  
116.4525, -44.3315

41.6771, 92.2971,  
-38.7898

73.7894, 100.1232,  
-40.7812

32.4014, 89.9025,  
-38.2339

85.7777, 102.6885,  
-41.4189

23.9389, 87.9761,  
-37.9171

98.3529, 105.1851,  
-42.0183

16.3770, 87.1949,  
-38.1833

111.4888,  
107.6037, -42.5742

9.8391, 89.5219,  
-40.0255

125.1625,  
109.9402, -43.0840

0.0000, INF, -NF

139.3535,

0.0000, NaN, -NF

112.1932, -43.5468

0.0000, NaN, NaN

154.0437,  
114.3635, -43.9624

■ 51.6990, 94.8805,  
-39.4418

■ 51.6990, 94.8805,  
-39.4418

■ 50.9015, 96.3048,  
-37.9165

■ 53.3911, 90.5789,  
-39.5602

■ 56.1160, 83.1471,  
-37.7374

■ 59.8827, 73.1293,  
-34.1483

■ 64.6241, 61.3280,  
-29.1673

■ 70.2350, 48.5091,  
-23.2075

76.6002, 35.2557,  
-16.6210

83.6105, 21.9458,  
-9.6661

91.1704, 8.7928,  
-2.5142

99.1999, -4.1022,  
4.7293

# Harmonies

## Analogous

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



51.7002, 54.5973, -107.1663



51.6990, 94.8805, -39.4418



51.7002, 105.8077, 10.4189

# Triad

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



51.7002, 94.8764, -39.4398



51.7002, -11.1697, 36.0259



51.7002, -53.5022, -66.9366

# Complementary

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



51.6990, 94.8805, -39.4418



84.8958, -70.6876, 47.6843

# 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.



51.7002, -61.4080, -6.1563



51.6990, 94.8805, -39.4418



51.7002, -42.5717, 34.4375

# Square

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



51.7002, 94.8764, -39.4398



51.7002, 34.5435, 35.3869



51.7002, -58.1768, 25.3904



51.7002, -31.7919, -130.1441



# Rectangle

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



51.6990, 94.8805, -39.4418



51.7002, 92.6643, 26.6360



51.7002, -58.1768, 25.3904



51.7002, -57.4789, -44.2867

# Sweetspot

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



51.7002, 94.8764, -39.4398



79.3107, 29.9654, -13.8937



29.7459, 69.9074, -169.0205



35.6111, 15.9692, -7.5149

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



51.7002, 94.8764, -39.4398



50.9015, 96.3048, -37.9165



47.7503, 80.4105, 15.7494



42.7107, 3.1864, -0.6743



36.8218, 69.7109, -27.7756



11.5496, 21.9635, -9.4705



# Inverse Universe

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



51.7002, 94.8764, -39.4398



50.9015, 96.3048, -37.9165



86.5470, -60.4666, 23.5333



42.7107, 3.1864, -0.6743



36.8218, 69.7109, -27.7756



11.5496, 21.9635, -9.4705



# Previews

## White Background



This preview shows how the HunterLab color 51.6990, 94.8805, -39.4418 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

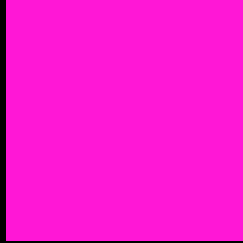
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 51.6990, 94.8805, -39.4418 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 51.6990, 94.8805, -39.4418 Background



This preview shows how black text looks on a background with the HunterLab color 51.6990, 94.8805, -39.4418.



This preview shows how white text looks on a background with the HunterLab color 51.6990, 94.8805, -39.4418.

-39.4418.

# 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

51.6990, 94.8805, -39.4418

### Protanopia

52.2320, 13.8331, -74.9647

### Deuteranopia

51.9291, 4.2242, -31.0188



## Tritanopia

51.6178, 56.7225, 21.4310

# Trichromacy



## Original Color

51.6990, 94.8805, -39.4418



## Protanomaly

45.5719, 44.6694, -78.3904



## Deuteranomaly

46.3040, 41.4686, -45.5104



## Tritanomaly

50.2882, 71.4865, 4.7768

# Monochromacy



## Original Color

51.6990, 94.8805, -39.4418



## Achromatopsia

41.0207, -2.1888, 2.2287



## Achromatomaly

40.1076, 36.4664, -17.3018

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 51.6990, 94.8805, -39.4418 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, 23, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 23, 214)  
}
```

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, 23, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 23, 214) }
```

## Border

The CSS property to change the border of an element to HunterLab 51.6990, 94.8805, -39.4418 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, 23, 214) }
```



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

```
.border{ border-color:rgb(255, 23, 214) }
```

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

Here you see how a box with a 4 pixel rgb(255, 23, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 23, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 23, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 23,  
214) }
```

# Background

The CSS property to change the background color of an element to HunterLab 51.6990, 94.8805, -39.4418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 23, 214) }
```

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

```
.background{ background-color: rgb(255, 23,  
214) }
```

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](#).

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