

# Converting Colors

HunterLab(50.5025, 94.8925,  
-32.5237)

Have a look what the booklet for  
HunterLab(50.5025, 94.8925,  
-32.5237) contains.

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# Color

**HunterLab(50.5215, 94.9599,  
-32.7815)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF00CA
RGB	255, 0, 202
RGB Percent	100%, 0%, 79%
CMY	0.0000, 0.9998, 0.2078
CMYK	0.00, 1.00, 0.21, 0.00
HSL	312°, 100%, 50%
HSV	312°, 100%, 100%
XYZ	51.9006, 25.5242, 58.0682
YIQ	99.2730, 87.1380, 116.8820

# Conversions

## Conversions Part 2

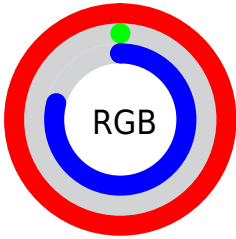
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 0, 202
Decimal	16711882
CIE <sub>Lab</sub>	57.58, 91.51, -35.32
CIE <sub>LCh</sub>	58, 98.088, 338.894
Yxy	25.5255, 0.3830, 0.1884
Android (android.graphics.Color)	4294901962 (0xFFFF00CA)
YUV	99.2730, 50.6444, 136.5726
Hunter-Lab	50.5215, 94.9599, -32.7815

# Details

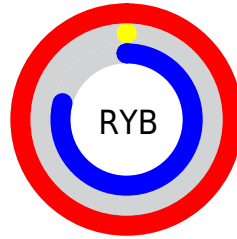
The HunterLab color **50.5215, 94.9599, -32.7815** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **84.7218, -71.5626, 48.5906**, and the grayscale version is **35.2303, -1.8798, 1.9141**.

A 20% lighter version of the original color is **61.7904, 77.1552, -51.3537**, and **36.6661, 68.5370, -20.8426** is the 20% darker color. If you saturate the color by 10%, you get **50.5210, 94.9581, -32.7743**, and if you desaturate by 10%, it is **51.4772, 93.3452, -34.8594**.

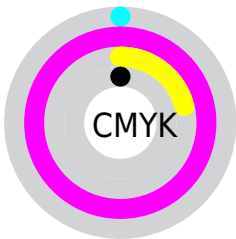
# Distribution



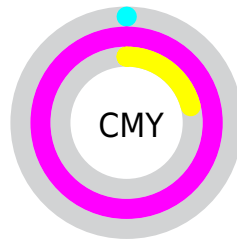
- Red (100%)
- Green (0%)
- Blue (79%)



- Red (100%)
- Yellow (0%)
- Blue (79%)



- Cyan (0%)
- Magenta (100%)
- Yellow (21%)
- Black (0%)



- Cyan (0%)
- Magenta (100%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.5215, 94.9599, -32.7815 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 50.5215, 94.9599, -32.7815 by changing the saturation by 10% instead.



50.5215, 94.9599,  
-32.7815

50.5215, 94.9599,  
-32.7815

167.4649,  
116.6513, -36.8006

40.5820, 92.3874,  
-32.1490

72.4627, 100.2132,  
-33.9929

31.3953, 90.0298,  
-31.5578

84.3823, 102.7911,  
-34.5416

23.0304, 88.1965,  
-31.1104

96.8920, 105.3025,  
-35.0426

15.5779, 87.6497,  
-31.0648

109.9653,  
107.7369, -35.4936

9.1629, 90.7240,  
-32.2201

123.5788,  
110.0897, -35.8942

0.0000, INF, -NF

0.0000, NaN, NaN

137.7119,

112.3593, -36.2449

0.0000, NaN, NaN

152.3461,  
114.5460, -36.5466

■ 50.5215, 94.9599,  
-32.7815

■ 50.5215, 94.9599,  
-32.7815

■ 50.5210, 94.9581,  
-32.7743

■ 51.4772, 93.3452,  
-34.8594

■ 53.3071, 88.8257,  
-35.3196

■ 56.1807, 81.2149,  
-33.8909

■ 60.0936, 71.1088,  
-30.7471

■ 64.9709, 59.3181,  
-26.2442

70.7036, 46.5894,  
-20.7712

77.1756, 33.4777,  
-14.6593

84.2785, 20.3357,  
-8.1527

91.9187, 7.3587,  
-1.4156

# Harmonies

## Analogous

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



50.5228, 57.5575, -98.6670



50.5215, 94.9599, -32.7815



50.5228, 102.3221, 13.1037

# Triad

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



50.5228, 94.9557, -32.7795



50.5228, -14.4151, 35.1712



50.5228, -50.8912, -71.5389

# Complementary

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



50.5215, 94.9599, -32.7815



84.7218, -71.5626, 48.5906

# 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.



50.5228, -59.7067, -10.3996



50.5215, 94.9599, -32.7815



50.5228, -43.5628, 33.3058

# Square

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



50.5228, 94.9557, -32.7795



50.5228, 29.2459, 34.7281



50.5228, -57.5428, 23.1112



50.5228, -28.2646, -130.9692



# Rectangle

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



50.5215, 94.9599, -32.7815



50.5228, 87.4810, 27.3485



50.5228, -57.5428, 23.1112



50.5228, -55.1739, -49.1594

# Sweetspot

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



50.5228, 94.9557, -32.7795



77.1608, 33.5064, -14.6731



28.1534, 73.8470, -180.5992



34.3976, 18.0683, -8.0083

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



50.5228, 94.9557, -32.7795



50.5210, 94.9581, -32.7743



46.6803, 81.0688, 21.3737



42.6988, 3.1228, -0.5055



36.5502, 68.7501, -24.1082



11.4727, 21.6922, -8.4378



# Inverse Universe

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



50.5228, 94.9557, -32.7795



50.5210, 94.9581, -32.7743



86.4613, -60.7815, 23.1431



42.6988, 3.1228, -0.5055



36.5502, 68.7501, -24.1082



11.4727, 21.6922, -8.4378



# Previews

## White Background



This preview shows how the HunterLab color 50.5215, 94.9599, -32.7815 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

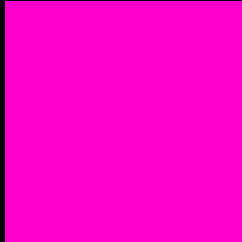
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 50.5215, 94.9599, -32.7815 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

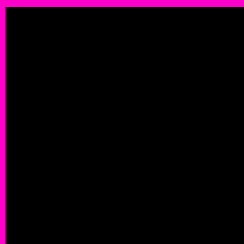
Any Text WCAG AA ✓ Pass

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 50.5215, 94.9599, -32.7815 Background



This preview shows how black text looks on a background with the HunterLab color 50.5215, 94.9599, -32.7815.



This preview shows how white text looks on a background with the HunterLab color 50.5215, 94.9599, -32.7815.

-32.7815.

# 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

50.5215, 94.9599, -32.7815

### Protanopia

51.4690, 14.2451, -77.0196

### Deuteranopia

51.1967, 3.6055, -24.1445



## Tritanopia

50.7837, 59.1941, 22.5366

# Trichromacy



## Original Color

50.5215, 94.9599, -32.7815



## Protanomaly

43.2576, 47.5819, -81.2806



## Deuteranomaly

44.3228, 44.2220, -40.1883



## Tritanomaly

49.0303, 74.6804, 7.2395

# Monochromacy



## Original Color

50.5215, 94.9599, -32.7815



## Achromatopsia

35.3231, -1.8847, 1.9192



## Achromatomaly

35.2144, 39.4080, -16.8286

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 50.5215, 94.9599, -32.7815 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, 0, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 0, 202)  
}
```

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, 0, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 0, 202) }
```

## Border

The CSS property to change the border of an element to HunterLab 50.5215, 94.9599, -32.7815 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, 0, 202) }
```



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

```
.border{ border-color:rgb(255, 0, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 0, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 0, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 0, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 0,  
202) }
```

# Background

The CSS property to change the background color of an element to HunterLab 50.5215, 94.9599, -32.7815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 0, 202) }
```

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

```
.background{ background-color: rgb(255, 0,  
202) }
```

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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