

Converting Colors

HunterLab(53.5018, 89.5892,
-38.0229)

Have a look what the booklet for
HunterLab(53.5018, 89.5892,
-38.0229) contains.

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Color

**HunterLab(53.5139, 89.6348,
-38.1869)**

Conversions

Conversions Part 1

Format	Color
Hex	FF33D9
RGB	255, 51, 217
RGB Percent	100%, 20%, 85%
CMY	0.0000, 0.7999, 0.1490
CMYK	0.00, 0.80, 0.15, 0.00
HSL	311°, 100%, 60%
HSV	311°, 80%, 100%
XYZ	54.9482, 28.6374, 68.2770
YIQ	130.9200, 68.2980, 94.8740

Conversions

Conversions Part 2

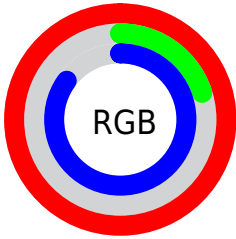
Format	Color
R _Y B	255, 51, 217
Decimal	16724953
CIE Lab	60.46, 86.95, -39.36
CIE LCh	60, 95.444, 335.648
Yxy	28.6387, 0.3618, 0.1886
Android (android.graphics.Color)	4294915033 (0xFFFF33D9)
YUV	130.9200, 42.4374, 108.8182
Hunter-Lab	53.5139, 89.6348, -38.1869

Details

The HunterLab color **53.5139, 89.6348, -38.1869** 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 **85.4082, -68.1028, 44.8728**, and the grayscale version is **47.4314, -2.5308, 2.5770**.

A 20% lighter version of the original color is **64.9267, 68.1793, -45.1931**, and **37.5206, 71.2075, -29.6483** is the 20% darker color. If you saturate the color by 10%, you get **51.7142, 94.2125, -38.0865**, and if you desaturate by 10%, it is **56.3565, 81.9504, -36.3589**.

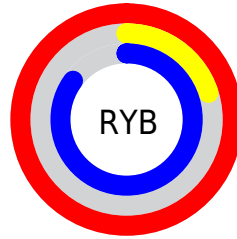
Distribution



Red (100%)

Green (20%)

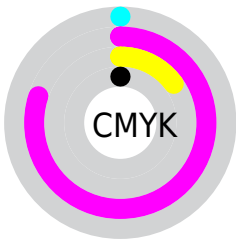
Blue (85%)



Red (100%)

Yellow (20%)

Blue (85%)

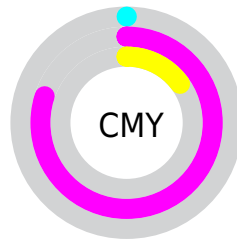


Cyan (0%)

Magenta (80%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (80%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 53.5139, 89.6348, -38.1869 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 53.5139, 89.6348, -38.1869 by changing the saturation by 10% instead.

 53.5139, 89.6348,
-38.1869

 53.5139, 89.6348,
-38.1869


171.9029,
110.2192, -42.8432


 43.3678, 87.0756,
-37.5287

 75.8304, 94.7220,
-39.4984


 33.9579, 84.6301,
-36.9383


 87.9227, 97.1826,
-40.1122

 25.3484, 82.5063,
-36.5302


 100.5972, 99.5656,
-40.6844

 17.6223, 81.2025,
-36.5755

 113.8282,
101.8652, -41.2111

 10.8951, 82.1119,
-37.8264

 127.5933,
104.0795, -41.6904

 2.2601, 232.4978,
-109.3939

141.8724,

0.0000, INF, -NF

106.2088, -42.1219

0.0000, NaN, NaN

156.6476,
108.2546, -42.5059

■ 53.5139, 89.6348,
-38.1869

■ 53.5139, 89.6348,
-38.1869

■ 51.7142, 94.2125,
-38.0865

■ 56.3565, 81.9504,
-36.3589

■ 50.7836, 95.8859,
-36.3227

■ 60.2362, 71.7615,
-32.8029

■ 50.7832, 95.8865,
-36.3215

■ 65.0812, 59.8742,
-27.8927

■ 70.7837, 47.0390,
-22.0320

■ 77.2281, 33.8163,
-15.5607

84.3064, 20.5637,
-8.7264

91.9247, 7.4800,
-1.6933

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.



53.5151, 51.3085, -100.9731



53.5139, 89.6348, -38.1869



53.5151, 100.4352, 9.7836

Triad

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



53.5151, 89.6309, -38.1849



53.5151, -10.4017, 36.7431



53.5151, -53.0566, -61.8657

Complementary

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



53.5139, 89.6348, -38.1869



85.4082, -68.1028, 44.8728

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.



53.5151, -60.9068, -5.0099



53.5139, 89.6348, -38.1869



53.5151, -41.5073, 35.0503

Square

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



53.5151, 89.6309, -38.1849



53.5151, 33.7068, 36.0977



53.5151, -57.4284, 25.5364



53.5151, -31.6551, -120.4502

Rectangle

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



53.5139, 89.6348, -38.1869



53.5151, 88.4301, 26.2768



53.5151, -57.4284, 25.5364



53.5151, -57.0186, -40.8064

Sweetspot

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



53.5151, 89.6309, -38.1849



81.4014, 25.8600, -11.4953



34.1815, 61.8476, -141.9581



36.5003, 14.1509, -6.4423

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



53.5151, 89.6309, -38.1849



51.0926, 95.4322, -37.1455



49.8806, 75.7264, 12.5633



42.7070, 3.1669, -0.6226



36.7374, 69.4126, -26.6384



11.5257, 21.8794, -9.1509

Inverse Universe

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



53.5151, 89.6309, -38.1849



51.0926, 95.4322, -37.1455



87.1548, -57.3579, 19.4022



42.7070, 3.1669, -0.6226



36.7374, 69.4126, -26.6384



11.5257, 21.8794, -9.1509

Previews

White Background



This preview shows how the HunterLab color 53.5139, 89.6348, -38.1869 looks on a white background.

Color Contrast Check

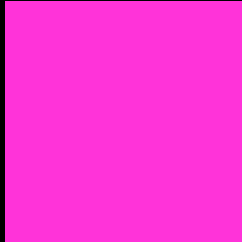
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.5139, 89.6348, -38.1869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

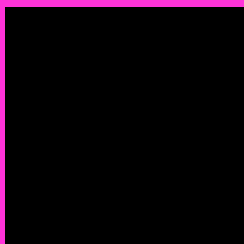
Any Text WCAG AA ✓ Pass

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 53.5139, 89.6348, -38.1869 Background



This preview shows how black text looks on a background with the HunterLab color 53.5139, 89.6348, -38.1869.



This preview shows how white text looks on a background with the HunterLab color 53.5139, 89.6348, -38.1869.

-38.1869.

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

53.5139, 89.6348, -38.1869

Protanopia

54.0783, 12.6003, -70.1821

Deuteranopia

53.5857, 4.3268, -30.8110



Tritanopia

53.2514, 53.4592, 20.0411

Trichromacy



Original Color

53.5139, 89.6348, -38.1869



Protanomaly

49.2697, 39.0946, -69.0997



Deuteranomaly

49.5237, 36.2335, -41.0667



Tritanomaly

52.4706, 66.2472, 4.1279

Monochromacy



Original Color

53.5139, 89.6348, -38.1869



Achromatopsia

47.6409, -2.5420, 2.5884



Achromatomaly

46.1968, 31.8943, -14.8458

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.5139, 89.6348, -38.1869 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, 51, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 217)  
}
```

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, 51, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 217) }
```

Border

The CSS property to change the border of an element to HunterLab 53.5139, 89.6348, -38.1869 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, 51, 217) }
```


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

```
.border{ border-color:rgb(255, 51, 217) }
```

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

Here you see how a box with a 4 pixel rgb(255, 51, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 51, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 51, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 51,  
217) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.5139, 89.6348, -38.1869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 51, 217) }
```

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

```
.background{ background-color: rgb(255, 51,  
217) }
```

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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