

Converting Colors

HunterLab(55.4531, 83.8702,
-35.9370)

Have a look what the booklet for
HunterLab(55.4531, 83.8702,
-35.9370) contains.

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Color

**HunterLab(55.4570, 83.8943,
-36.0088)**

Conversions

Conversions Part 1

Format	Color
Hex	FF46DB
RGB	255, 70, 219
RGB Percent	100%, 27%, 86%
CMY	0.0000, 0.7254, 0.1412
CMYK	0.00, 0.73, 0.14, 0.00
HSL	312°, 100%, 64%
HSV	312°, 73%, 100%
XYZ	56.2163, 30.7548, 69.9911
YIQ	142.3010, 62.4310, 85.5590

Conversions

Conversions Part 2

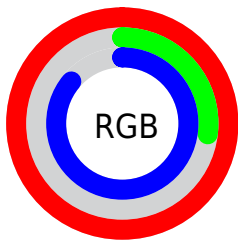
Format	Color
R _Y B	255, 70, 219
Decimal	16729819
CIE _{Lab}	62.30, 82.20, -37.61
CIE _{LCh}	62, 90.395, 335.417
Yxy	30.7561, 0.3582, 0.1959
Android (android.graphics.Color)	4294919899 (0xFFFF46DB)
YUV	142.3010, 37.8126, 98.8370
Hunter-Lab	55.4570, 83.8943, -36.0088

Details

The HunterLab color **55.4570, 83.8943, -36.0088** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **85.9438, -65.4784, 42.4031**, and the grayscale version is **51.9679, -2.7729, 2.8235**.

A 20% lighter version of the original color is **67.4761, 61.3138, -40.4783**, and **37.6160, 71.5439, -30.9275** is the 20% darker color. If you saturate the color by 10%, you get **52.8740, 90.7922, -37.1965**, and if you desaturate by 10%, it is **59.0902, 74.2997, -33.0211**.

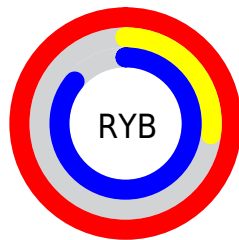
Distribution



Red (100%)

Green (27%)

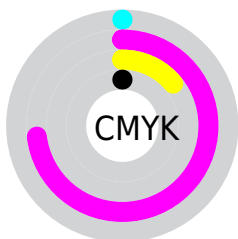
Blue (86%)



Red (100%)

Yellow (27%)

Blue (86%)

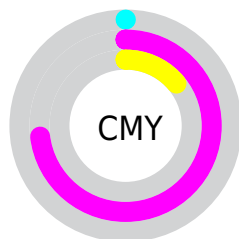


Cyan (0%)

Magenta (73%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (73%)

Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 55.4570, 83.8943, -36.0088 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 55.4570, 83.8943, -36.0088 by changing the saturation by 10% instead.


 55.4570, 83.8943,
-36.0088


 55.4570, 83.8943,
-36.0088


174.7608,
103.3101, -40.2797

 45.1810, 81.3927,
-35.3559


 78.0102, 88.7742,
-37.2635


 35.6311, 78.9404,
-34.7388


 90.2118, 91.1083,
-37.8371

 26.8689, 76.6859,
-34.2432

 102.9904, 93.3575,
-38.3649

 18.9728, 74.9840,
-34.0693

 116.3213, 95.5190,
-38.8447

 12.0509, 74.7956,
-34.7536

130.1824, 97.5931,
-39.2756

 5.0474, 103.5703,
-49.3514

144.5540, 99.5813,

0.0000, INF, -NF

-39.6578

0.0000, NaN, NaN

159.4188,
101.4861, -39.9922

■ 55.4570, 83.8943,
-36.0088

■ 55.4570, 83.8943,
-36.0088

■ 52.8740, 90.7922,
-37.1965

■ 59.0902, 74.2997,
-33.0211

■ 51.3160, 94.5237,
-36.4763

■ 63.7105, 62.8056,
-28.5768

■ 50.6813, 95.5260,
-34.9452

■ 69.2168, 50.1915,
-23.0759

■ 75.4932, 37.0690,
-16.8756

■ 82.4288, 23.8427,
-10.2453

89.9258, 10.7453,
-3.3687

97.9021, -2.1092,
3.6383

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.



55.4582, 48.0033, -93.3898



55.4570, 83.8943, -36.0088



55.4582, 94.1533, 9.3882

Triad

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



55.4582, 83.8906, -36.0069



55.4582, -9.9205, 37.4939



55.4582, -52.1040, -56.9241

Complementary

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



55.4570, 83.8943, -36.0088



85.9438, -65.4784, 42.4031

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.



55.4582, -59.9412, -4.2091



55.4570, 83.8943, -36.0088



55.4582, -40.3264, 35.4634

Square

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



55.4582, 83.8906, -36.0069



55.4582, 32.1229, 36.6789



55.4582, -56.3261, 25.3769



55.4582, -31.0386, -110.2835

Rectangle

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



55.4570, 83.8943, -36.0088



55.4582, 83.1718, 25.8650



55.4582, -56.3261, 25.3769



55.4582, -56.0592, -37.5696

Sweetspot

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



55.4582, 83.8906, -36.0069



82.8236, 23.1244, -9.8757



38.1317, 54.7036, -122.6490



37.4166, 12.3543, -5.4167

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



55.4582, 83.8906, -36.0069



52.0584, 92.8546, -37.1060



52.1687, 70.7721, 9.9430



42.7039, 3.1499, -0.5775



36.6647, 69.1554, -25.6568



11.5052, 21.8068, -8.8746

Inverse Universe

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



55.4582, 83.8906, -36.0069



52.0584, 92.8546, -37.1060



87.6511, -55.0309, 17.5506



42.7039, 3.1499, -0.5775



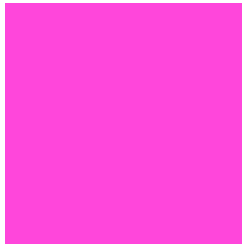
36.6647, 69.1554, -25.6568



11.5052, 21.8068, -8.8746

Previews

White Background



This preview shows how the HunterLab color 55.4570, 83.8943, -36.0088 looks on a white background.

Color Contrast Check

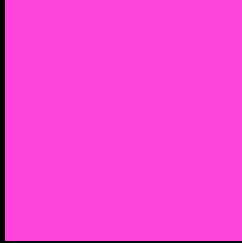
Large Text (above 18pt) WCAG AA × Fail

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 55.4570, 83.8943, -36.0088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

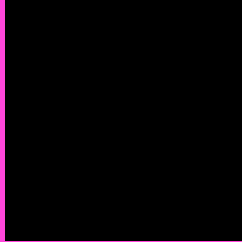
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 55.4570, 83.8943, -36.0088 Background



This preview shows how black text looks on a background with the HunterLab color 55.4570, 83.8943, -36.0088.



This preview shows how white text looks on a background with the HunterLab color 55.4570, 83.8943, -36.0088.

-36.0088.

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

55.4570, 83.8943, -36.0088

Protanopia

55.9847, 11.5436, -65.4937

Deuteranopia

55.7095, 4.4169, -29.1046



Tritanopia

55.3945, 50.1029, 18.6037

Trichromacy



Original Color

55.4570, 83.8943, -36.0088



Protanomaly

52.1677, 35.4501, -62.7072



Deuteranomaly

52.4724, 33.1265, -37.4670



Tritanomaly

54.7982, 62.0223, 3.1741

Monochromacy



Original Color

55.4570, 83.8943, -36.0088



Achromatopsia

52.0094, -2.7751, 2.8258



Achromatomaly

50.4582, 28.5426, -13.0949

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.4570, 83.8943, -36.0088 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, 70, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 70, 219)  
}
```

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, 70, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 70, 219) }
```

Border

The CSS property to change the border of an element to HunterLab 55.4570, 83.8943, -36.0088 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, 70, 219) }
```


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

```
.border{ border-color:rgb(255, 70, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 70, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 70, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 70, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 70,  
219) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.4570, 83.8943, -36.0088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 70, 219) }
```

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

```
.background{ background-color: rgb(255, 70,  
219) }
```

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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