

Converting Colors

HunterLab(56.1570, 80.6155,
-51.2370)

Have a look what the booklet for
HunterLab(56.1570, 80.6155,
-51.2370) contains.

HunterLab(56.2037, 80.5343, -50.9225)	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(56.2037, 80.5343,
-50.9225)**

Conversions

Conversions Part 1

Format	Color
Hex	F551F0
RGB	245, 81, 240
RGB Percent	96%, 32%, 94%
CMY	0.0392, 0.6823, 0.0588
CMYK	0.00, 0.67, 0.02, 0.04
HSL	302°, 89%, 64%
HSV	302°, 67%, 96%
XYZ	56.3267, 31.5886, 85.5664
YIQ	148.1620, 46.7050, 84.2170

Conversions

Conversions Part 2

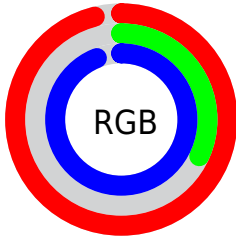
Format	Color
R _Y B	245, 81, 240
Decimal	16077296
CIE Lab	63.00, 79.45, -48.35
CIE LCh	63, 93.011, 328.677
Yxy	31.5900, 0.3247, 0.1821
Android (android.graphics.Color)	4294267376 (0xFFFF551F0)
YUV	148.1620, 45.2761, 84.9269
Hunter-Lab	56.2037, 80.5343, -50.9225

Details

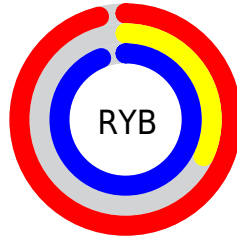
The HunterLab color **56.2037, 80.5343, -50.9225** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **82.2967, -62.1902, 43.2779**, and the grayscale version is **54.2957, -2.8971, 2.9500**.

A 20% lighter version of the original color is **69.1563, 56.9773, -37.4990**, and **37.0583, 72.6889, -47.5679** is the 20% darker color. If you saturate the color by 10%, you get **53.4205, 89.3330, -56.3702**, and if you desaturate by 10%, it is **59.9628, 69.5070, -43.9243**.

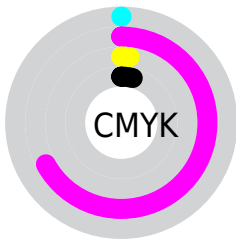
Distribution



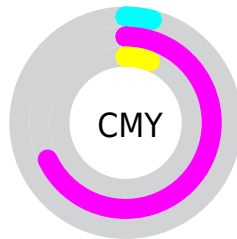
- Red (96%)
- Green (32%)
- Blue (94%)



- Red (96%)
- Yellow (32%)
- Blue (94%)



- Cyan (0%)
- Magenta (67%)
- Yellow (2%)
- Black (4%)




- Cyan (4%)
- Magenta (68%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 56.2037, 80.5343, -50.9225 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 56.2037, 80.5343, -50.9225 by changing the saturation by 10% instead.


 56.2037, 80.5343,
-50.9225


 56.2037, 80.5343,
-50.9225

175.8543, 99.2688,
-56.8398

 45.8787, 78.0789,
-50.2797


 78.8466, 85.2854,
-52.3735


 36.2760, 75.6445,
-49.8047

 91.0895, 87.5449,
-53.1080

 27.4563, 73.3569,
-49.6758


 103.9077, 89.7163,
-53.8217

 19.4963, 71.5154,
-50.2889

 117.2764, 91.7983,
-54.5043

 12.5017, 70.9248,
-52.6663

131.1739, 93.7922,
-55.1502

 5.7655, 88.8205,
-70.6646

145.5807, 95.7000,

0.0000, INF, -NF

-55.7558

0.0000, NaN, -NF

160.4794, 97.5245,
-56.3192

■ 56.2037, 80.5343,
-50.9225

■ 56.2037, 80.5343,
-50.9225

■ 53.4205, 89.3330,
-56.3702

■ 59.9628, 69.5070,
-43.9243

■ 51.6227, 95.2759,
-59.8738

■ 64.6224, 57.0390,
-35.8895

■ 50.7293, 98.1901,
-61.3442

■ 70.0838, 43.8214,
-27.2754

■ 50.5551, 98.7328,
-61.5605

■ 76.2408, 30.3605,
-18.4240

■ 82.9944, 16.9733,
-9.5549

90.2581, 3.8311,
-0.7916

97.9592, -8.9922,
7.8075

98.7852, -10.1622,
8.3740

98.8085, -10.0336,
8.0414

Harmonies

Analogous

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



56.2050, 39.6233, -109.0198



56.2037, 80.5343, -50.9225



56.2050, 98.3853, 1.3167

Triad

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



56.2050, 80.5316, -50.9202



56.2050, -1.1872, 38.1839



56.2050, -56.4385, -45.5740

Complementary

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



56.2037, 80.5343, -50.9225



82.2967, -62.1902, 43.2779

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.



56.2050, -61.7284, 4.7480



56.2037, 80.5343, -50.9225



56.2050, -35.7979, 37.0052

Square

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



56.2050, 80.5316, -50.9202



56.2050, 43.6581, 36.7185



56.2050, -55.3872, 29.6062



56.2050, -38.1268, -104.6762

Rectangle

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



56.2037, 80.5343, -50.9225



56.2050, 91.8243, 22.0368



56.2050, -55.3872, 29.6062



56.2050, -59.5220, -26.3282

Sweetspot

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



56.2050, 80.5316, -50.9202



84.5967, 22.0934, -12.8752



37.8834, 42.3476, -111.1169



38.2132, 12.0467, -7.1664

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



56.2050, 80.5316, -50.9202



55.1846, 95.8474, -60.4133



52.7696, 66.5307, -3.8260



40.9378, 3.3141, -1.3954



37.1113, 72.4856, -45.2532



11.0144, 21.5319, -13.5754

Inverse Universe

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



56.2050, 80.5316, -50.9202



55.1846, 95.8474, -60.4133



83.5457, -54.5346, 25.0128



40.9378, 3.3141, -1.3954



37.1113, 72.4856, -45.2532



11.0144, 21.5319, -13.5754

Previews

White Background



This preview shows how the HunterLab color 56.2037, 80.5343, -50.9225 looks on a white background.

Color Contrast Check

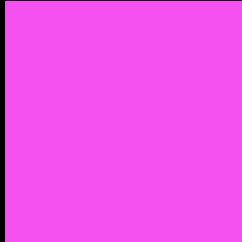
Large Text (above 18pt) WCAG AA × Fail

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 56.2037, 80.5343, -50.9225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

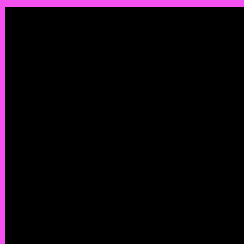
Any Text WCAG AA ✓ Pass

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 56.2037, 80.5343, -50.9225 Background



This preview shows how black text looks on a background with the HunterLab color 56.2037, 80.5343, -50.9225.



This preview shows how white text looks on a background with the HunterLab color 56.2037, 80.5343, -50.9225.

-50.9225.

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

56.2037, 80.5343, -50.9225

Protanopia

56.4276, 11.5288, -64.4348

Deuteranopia

56.5377, 4.7481, -42.8159



Tritanopia

55.9992, 40.1551, 14.6672

Trichromacy



Original Color

56.2037, 80.5343, -50.9225



Protanomaly

53.3718, 34.9182, -66.9725



Deuteranomaly

53.5700, 31.1349, -51.7677



Tritanomaly

55.4032, 53.9886, -4.0396

Monochromacy



Original Color

56.2037, 80.5343, -50.9225



Achromatopsia

54.4186, -2.9036, 2.9567



Achromatomaly

52.7435, 26.4086, -16.1794

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.2037, 80.5343, -50.9225 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(245, 81, 240)` looks like.

```
.text, #text, p{  
    color:rgb(245, 81, 240)  
}
```

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(245, 81, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 81, 240) }
```

Border

The CSS property to change the border of an element to HunterLab 56.2037, 80.5343, -50.9225 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(245, 81, 240) }
```


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

```
.border{ border-color:rgb(245, 81, 240) }
```

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

Here you see how a box with a 4 pixel rgb(245, 81, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 81, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 81, 240);  
box-shadow:4px 4px 4px 4px rgb(245, 81,  
240) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.2037, 80.5343, -50.9225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 81, 240) }
```

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

```
.background{ background-color: rgb(245, 81,  
240) }
```

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