

Converting Colors

HunterLab(56.2129, 54.4480,
4.9597)

Have a look what the booklet for
HunterLab(56.2129, 54.4480,
4.9597) contains.

HunterLab(56.3184, 54.2522, 5.2763)	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(56.3184, 54.2522,
5.2763)**

Conversions

Conversions Part 1

Format	Color
Hex	F56996
RGB	245, 105, 150
RGB Percent	96%, 41%, 59%
CMY	0.0392, 0.5882, 0.4118
CMYK	0.00, 0.57, 0.39, 0.04
HSL	341°, 87%, 69%
HSV	341°, 57%, 96%
XYZ	48.2128, 31.7176, 32.4352
YIQ	151.9900, 68.9950, 43.6750

Conversions

Conversions Part 2

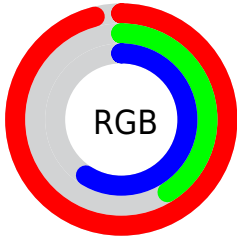
Format	Color
R_{YB}	245, 105, 150
Decimal	16083350
CIE _{Lab}	63.11, 57.77, 2.82
CIE _{LCh}	63, 57.839, 2.799
Yxy	31.7193, 0.4291, 0.2823
Android (android.graphics.Color)	4294273430 (0xFFFF56996)
YUV	151.9900, -0.9811, 81.5698
Hunter-Lab	56.3184, 54.2522, 5.2763

Details

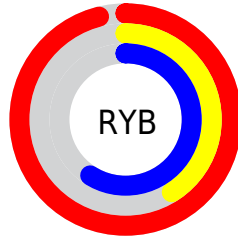
The HunterLab color **56.3184, 54.2522, 5.2763** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **85.1346, -46.4470, 13.5880**, and the grayscale version is **56.0164, -2.9889, 3.0435**.

A 20% lighter version of the original color is **71.4908, 36.8949, -2.6791**, and **36.3980, 50.4526, 4.0830** is the 20% darker color. If you saturate the color by 10%, you get **51.8925, 63.3662, 7.5762**, and if you desaturate by 10%, it is **61.6631, 44.1053, 3.7902**.

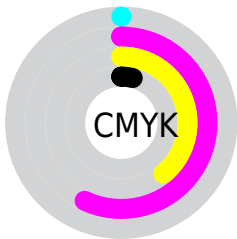
Distribution



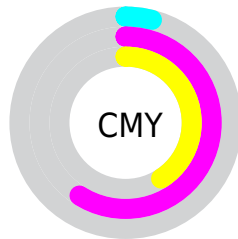
- Red (96%)
- Green (41%)
- Blue (59%)



- Red (96%)
- Yellow (41%)
- Blue (59%)



- Cyan (0%)
- Magenta (57%)
- Yellow (39%)
- Black (4%)





- Cyan (4%)
- Magenta (59%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 56.3184, 54.2522, 5.2763 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 56.3184, 54.2522, 5.2763 by changing the saturation by 10% instead.


 56.3184, 54.2522,
5.2763


 56.3184, 54.2522,
5.2763


176.0223, 67.3789,
12.8515


 45.9861, 52.3068,
4.5644


 78.9752, 57.8214,
6.7851


 36.3753, 50.2737,
3.8786


 91.2244, 59.4541,
7.5783

 27.5468, 48.1847,
3.2202


 104.0486, 60.9896,
8.3969

 19.5771, 46.1390,
2.5880

 117.4232, 62.4327,
9.2404

 12.5713, 44.4328,
1.9786

131.3262, 63.7886,
10.1081

 5.8679, 53.3941,
2.3144

145.7384, 65.0620,

0.0000, INF, NaN

10.9996

0.0000, NaN, NaN

160.6423, 66.2573,
11.9142

0.0000, NaN, NaN

■ 56.3184, 54.2522,
5.2763

■ 56.3184, 54.2522,
5.2763

■ 51.8925, 63.3662,
7.5762

■ 61.6631, 44.1053,
3.7902

■ 48.4975, 70.6971,
10.6412

■ 67.7907, 33.5247,
3.0566

■ 46.1971, 75.5101,
14.2746

■ 74.5790, 22.8795,
2.9737

■ 44.9409, 77.4995,
18.1193

■ 81.9220, 12.3713,
3.4308

■ 44.6914, 77.7901,
19.1523

■ 89.7327, 2.0891,
4.3282

97.9414, -7.9427,
5.5830

99.0719, -8.5793,
4.2791

Harmonies

Analogous

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



56.3199, 47.0888, -22.4406



56.3184, 54.2522, 5.2763



56.3199, 43.9669, 22.8059

Triad

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



56.3199, 54.2483, 5.2776



56.3199, -27.0004, 29.7331



56.3199, -23.5554, -55.5377

Complementary

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



56.3184, 54.2522, 5.2763



85.1346, -46.4470, 13.5880

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.



56.3199, -38.3286, -28.1849



56.3184, 54.2522, 5.2763



56.3199, -40.0571, 20.3751

Square

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



56.3199, 54.2483, 5.2776



56.3199, -5.3626, 32.4592



56.3199, -43.8094, 0.7601



56.3199, -0.6143, -65.4613

Rectangle

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



56.3184, 54.2522, 5.2763



56.3199, 29.5076, 28.8643



56.3199, -43.8094, 0.7601



56.3199, -29.4941, -47.6201

Sweetspot

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



56.3199, 54.2483, 5.2776



85.8139, 12.8341, 3.5978



53.6179, 55.6829, -61.5107



38.9658, 6.9537, 1.6009

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



56.3199, 54.2483, 5.2776



53.5027, 68.0301, 8.5121



59.9664, 37.8493, 24.3977



40.7066, 2.0751, 1.8916



32.8365, 57.2214, 13.5596



9.8268, 17.3019, 2.6813

Inverse Universe

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



56.3199, 54.2483, 5.2776



53.5027, 68.0301, 8.5121



78.5256, -27.5331, -17.3200



40.7066, 2.0751, 1.8916



32.8365, 57.2214, 13.5596



9.8268, 17.3019, 2.6813

Previews

White Background



This preview shows how the HunterLab color 56.3184, 54.2522, 5.2763 looks on a white background.

Color Contrast Check

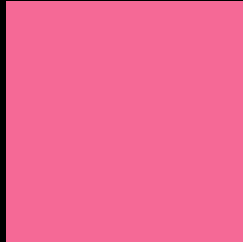
Large Text (above 18pt) WCAG AA × Fail

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 56.3184, 54.2522, 5.2763 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 56.3184, 54.2522, 5.2763 Background



This preview shows how black text looks on a background with the HunterLab color 56.3184, 54.2522, 5.2763.



This preview shows how white text looks on a background with the HunterLab color 56.3184, 54.2522,

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

56.3184, 54.2522, 5.2763

Protanopia

56.5391, 0.4323, -9.3221

Deuteranopia

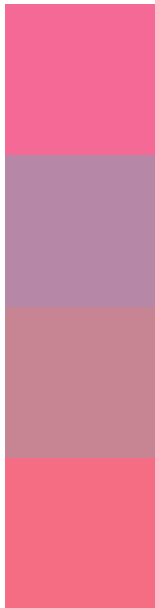
56.5099, 3.9598, 7.6254



Tritanopia

56.3520, 47.0183, 17.1843

Trichromacy



Original Color

56.3184, 54.2522, 5.2763

Protanomaly

54.9749, 18.2819, -5.7583

Deuteranomaly

55.4256, 22.1416, 5.4504

Tritanomaly

56.3756, 49.5432, 13.3948

Monochromacy



Original Color

56.3184, 54.2522, 5.2763

Achromatopsia

56.0347, -2.9899, 3.0445

Achromatomaly

54.7735, 16.5760, 2.3491

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.3184, 54.2522, 5.2763 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, 105, 150)` looks like.

```
.text, #text, p{  
    color:rgb(245, 105, 150)  
}
```

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, 105, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 105, 150) }
```

Border

The CSS property to change the border of an element to HunterLab 56.3184, 54.2522, 5.2763 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, 105, 150) }
```


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

```
.border{ border-color:rgb(245, 105, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 105, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 105, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 105, 150);  
box-shadow:4px 4px 4px 4px rgb(245, 105,  
150) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.3184, 54.2522, 5.2763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 105, 150) }
```

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

```
.background{ background-color: rgb(245,  
105, 150) }
```

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