

# Converting Colors

HunterLab(54.4913, 65.8000,  
8.0586)

Have a look what the booklet for  
HunterLab(54.4913, 65.8000,  
8.0586) contains.

<b>HunterLab(54.4253, 65.9502, 8.0818)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(54.4253, 65.9502,  
8.0818)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF558B
RGB	255, 85, 139
RGB Percent	100%, 33%, 55%
CMY	0.0000, 0.6666, 0.4549
CMYK	0.00, 0.67, 0.45, 0.00
HSL	341°, 100%, 67%
HSV	341°, 67%, 100%
XYZ	49.1488, 29.6211, 27.5531
YIQ	141.9860, 83.9860, 52.8340

# Conversions

## Conversions Part 2

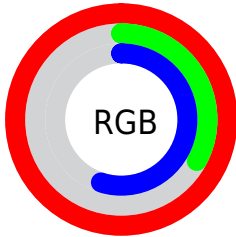
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 85, 139
Decimal	16733579
CIE <sub>Lab</sub>	61.33, 68.02, 6.82
CIE <sub>LCh</sub>	61, 68.359, 5.725
Yxy	29.6228, 0.4623, 0.2786
Android (android.graphics.Color)	4294923659 (0xFFFF558B)
YUV	141.9860, -1.4721, 99.1133
Hunter-Lab	54.4253, 65.9502, 8.0818

# Details

The HunterLab color **54.4253, 65.9502, 8.0818** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **88.1302, -52.8537, 16.2006**, and the grayscale version is **51.9879, -2.7739, 2.8246**.

A 20% lighter version of the original color is **67.0912, 44.1599, -1.9561**, and **34.7569, 61.4369, 6.3703** is the 20% darker color. If you saturate the color by 10%, you get **50.8290, 73.7089, 11.2852**, and if you desaturate by 10%, it is **59.1069, 56.3363, 5.6786**.

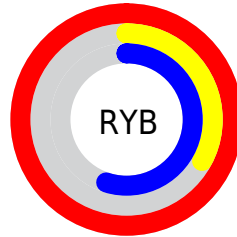
# Distribution



Red (100%)

Green (33%)

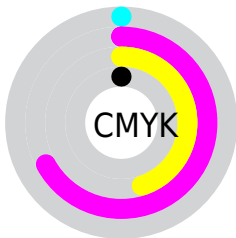
Blue (55%)



Red (100%)

Yellow (33%)

Blue (55%)

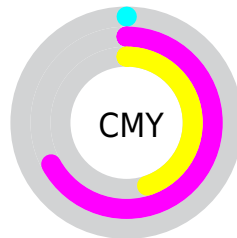


Cyan (0%)

Magenta (67%)

Yellow (45%)

Black (0%)



Cyan (0%)

Magenta (67%)


Yellow (45%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 54.4253, 65.9502, 8.0818 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 54.4253, 65.9502, 8.0818 by changing the saturation by 10% instead.





 54.4253, 65.9502,  
8.0818


 54.4253, 65.9502,  
8.0818


173.2461, 81.9944,  
17.1754


 44.2181, 63.7174,  
7.1481


 76.8538, 70.1561,  
9.9897

 34.7421, 61.4472,  
6.2205


 88.9977, 72.1195,  
10.9651

 26.0604, 59.2195,  
5.2939


 101.7213, 73.9869,  
11.9569

 18.2538, 57.2463,  
4.3567

 114.9994, 75.7608,  
12.9656

 11.4343, 56.1372,  
3.3962

128.8097, 77.4446,  
13.9916

 3.8334, 96.1891,  
2.6834

143.1325, 79.0422,

0.0000, INF, NaN

15.0352

0.0000, NaN, NaN

157.9499, 80.5575,  
16.0964

0.0000, NaN, NaN

■ 54.4253, 65.9502,  
8.0818

■ 54.4253, 65.9502,  
8.0818

■ 50.8290, 73.7089,  
11.2852

■ 59.1069, 56.3363,  
5.6786

■ 48.3820, 78.8493,  
15.0788

■ 64.7454, 45.6792,  
4.1175

■ 47.0421, 81.0073,  
19.0954

■ 71.2033, 34.5844,  
3.3395

■ 46.7482, 81.3281,  
20.3592

■ 78.3512, 23.4358,  
3.2372

■ 86.0779, 12.4389,  
3.6959

94.2926, 1.6833,  
4.6121

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.



54.4268, 59.1711, -24.2693



54.4253, 65.9502, 8.0818



54.4268, 51.3227, 26.0153

# Triad

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



54.4268, 65.9457, 8.0831



54.4268, -32.2670, 31.1095



54.4268, -24.3502, -72.9209

# Complementary

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



54.4253, 65.9502, 8.0818



88.1302, -52.8537, 16.2006

# 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.



54.4268, -41.7774, -38.9859



54.4253, 65.9502, 8.0818



54.4268, -45.6191, 20.8272

# Square

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



54.4268, 65.9457, 8.0831



54.4268, -8.4596, 33.9695



54.4268, -48.6869, -2.7095



54.4268, 2.8776, -82.9156



# Rectangle

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



54.4253, 65.9502, 8.0818



54.4268, 32.9268, 31.3735



54.4268, -48.6869, -2.7095



54.4268, -31.3497, -63.2938

# Sweetspot

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



54.4268, 65.9457, 8.0831



83.4407, 16.0850, 3.4872



50.7644, 68.2571, -78.0207



37.5965, 8.8714, 1.5515

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



54.4268, 65.9457, 8.0831



49.8836, 75.7470, 12.5008



58.1402, 48.1509, 27.9021



42.5231, 2.1806, 1.9942



33.8274, 58.9183, 14.2013



10.6443, 18.7116, 3.1355



# Inverse Universe

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



54.4268, 65.9457, 8.0831



49.8836, 75.7470, 12.5008



79.9429, -30.0984, -21.4326



42.5231, 2.1806, 1.9942



33.8274, 58.9183, 14.2013



10.6443, 18.7116, 3.1355



# Previews

## White Background



This preview shows how the HunterLab color 54.4253, 65.9502, 8.0818 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

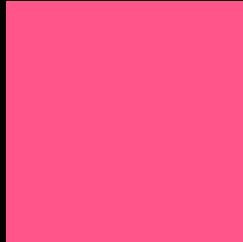
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 54.4253, 65.9502, 8.0818 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

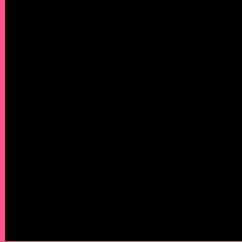
Any Text WCAG AA ✓ Pass

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 54.4253, 65.9502, 8.0818 Background



This preview shows how black text looks on a background with the HunterLab color 54.4253, 65.9502, 8.0818.



This preview shows how white text looks on a background with the HunterLab color 54.4253, 65.9502,



# 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

54.4253, 65.9502, 8.0818

### Protanopia

54.5914, 0.9201, -10.3931

### Deuteranopia

54.5148, 3.7507, 10.3038



## Tritanopia

54.2448, 57.4655, 21.5292

# Trichromacy



## Original Color

54.4253, 65.9502, 8.0818



## Protanomaly

52.1673, 23.3213, -6.2960



## Deuteranomaly

52.8391, 26.0452, 7.7073



## Tritanomaly

54.2309, 60.4587, 17.0705

# Monochromacy



## Original Color

54.4253, 65.9502, 8.0818



## Achromatopsia

52.0094, -2.7751, 2.8258



## Achromatomaly

50.6607, 21.1817, 2.0961

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 54.4253, 65.9502, 8.0818 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, 85, 139)` looks like.

```
.text, #text, p{  
    color:rgb(255, 85, 139)  
}
```

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, 85, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 85, 139) }
```

## Border

The CSS property to change the border of an element to HunterLab 54.4253, 65.9502, 8.0818 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, 85, 139) }
```



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

```
.border{ border-color:rgb(255, 85, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 85, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 85, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 85, 139);  
box-shadow:4px 4px 4px 4px rgb(255, 85,  
139) }
```

# Background

The CSS property to change the background color of an element to HunterLab 54.4253, 65.9502, 8.0818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 85, 139) }
```

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

```
.background{ background-color: rgb(255, 85,  
139) }
```

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