

# Converting Colors

HunterLab(58.1467, 72.3725,  
7.8793)

Have a look what the booklet for  
HunterLab(58.1467, 72.3725,  
7.8793) contains.

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# Color

**HunterLab(55.1738, 65.9670,  
4.1459)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF5896
RGB	255, 88, 150
RGB Percent	100%, 35%, 59%
CMY	0.0000, 0.6549, 0.4118
CMYK	0.00, 0.65, 0.41, 0.00
HSL	338°, 100%, 67%
HSV	338°, 65%, 100%
XYZ	50.2348, 30.4415, 32.0823
YIQ	145.0010, 79.6300, 54.6860

# Conversions

## Conversions Part 2

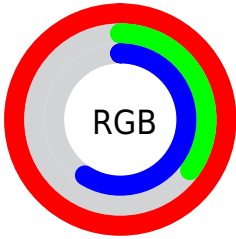
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 88, 150
Decimal	16734358
CIE Lab	62.03, 67.90, 1.46
CIE LCh	62, 67.919, 1.228
Yxy	30.4431, 0.4455, 0.2700
Android (android.graphics.Color)	4294924438 (0xFFFF5896)
YUV	145.0010, 2.4645, 96.4691
Hunter-Lab	55.1738, 65.9670, 4.1459

# Details

The HunterLab color **55.1738, 65.9670, 4.1459** 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 **88.0033, -53.7816, 19.2911**, and the grayscale version is **53.1820, -2.8377, 2.8895**.

A 20% lighter version of the original color is **67.9540, 45.0388, -7.1818**, and **35.3237, 61.3018, 3.0261** is the 20% darker color. If you saturate the color by 10%, you get **51.4600, 73.9849, 7.0326**, and if you desaturate by 10%, it is **59.9490, 56.1387, 2.2269**.

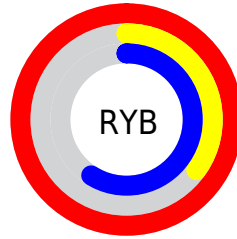
# Distribution



Red (100%)

Green (35%)

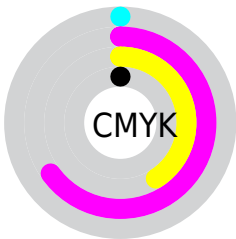
Blue (59%)



Red (100%)

Yellow (35%)

Blue (59%)

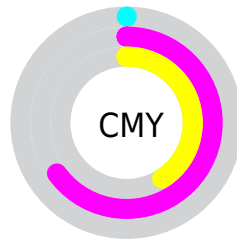


Cyan (0%)

Magenta (65%)

Yellow (41%)

Black (0%)



Cyan (0%)

Magenta (65%)


Yellow (41%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.1738, 65.9670, 4.1459 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 55.1738, 65.9670, 4.1459 by changing the saturation by 10% instead.





 55.1738, 65.9670,  
4.1459


 55.1738, 65.9670,  
4.1459


174.3458, 81.9256,  
11.1786


 44.9168, 63.7417,  
3.5114


 77.6932, 70.1540,  
5.5141


 35.3871, 61.4746,  
2.9091


 89.8789, 72.1071,  
6.2425

 26.6468, 59.2402,  
2.3419


 102.6426, 73.9645,  
6.9992

 18.7751, 57.2353,  
1.8116

 115.9590, 75.7285,  
7.7835

 11.8811, 56.0189,  
1.3192

129.8062, 77.4027,  
8.5944

 4.7461, 80.0367,  
1.5300

144.1645, 78.9910,

0.0000, INF, NaN

9.4310

0.0000, NaN, NaN

159.0163, 80.4973,  
10.2926

0.0000, NaN, NaN

■ 55.1738, 65.9670,  
4.1459

■ 55.1738, 65.9670,  
4.1459

■ 51.4600, 73.9849,  
7.0326

■ 59.9490, 56.1387,  
2.2269

■ 48.8776, 79.4166,  
10.7430

■ 65.6570, 45.2972,  
1.2528


■ 47.4010, 81.8331,  
14.9504

■ 72.1636, 34.0287,  
1.1167

■ 46.9894, 82.2161,  
16.8349

■ 79.3431, 22.7035,  
1.6808

■ 87.0883, 11.5203,  
2.8131

 95.3115, 0.5664,  
4.4014

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.



55.1753, 56.0763, -29.7806



55.1738, 65.9670, 4.1459



55.1753, 54.3984, 24.2895

# Triad

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



55.1753, 65.9626, 4.1473



55.1753, -29.3763, 32.0842



55.1753, -27.6743, -68.2900

# Complementary

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



55.1738, 65.9670, 4.1459



88.0033, -53.7816, 19.2911

# 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.



55.1753, -43.5466, -32.9221



55.1738, 65.9670, 4.1459



55.1753, -44.3744, 23.1698

# Square

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



55.1753, 65.9626, 4.1473



55.1753, -4.1574, 34.2947



55.1753, -48.9658, 1.8343



55.1753, -1.7260, -82.7266



# Rectangle

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



55.1738, 65.9670, 4.1459



55.1753, 37.2436, 30.6793



55.1753, -48.9658, 1.8343



55.1753, -34.1568, -57.7784

# Sweetspot

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



55.1753, 65.9626, 4.1473



83.5283, 16.5431, 2.2394



50.2751, 64.7711, -79.4589



37.6426, 9.1107, 0.8944

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



55.1753, 65.9626, 4.1473



50.4222, 76.2226, 8.2553



57.0816, 51.1808, 26.4774



42.5424, 2.2845, 1.7186



34.0054, 59.5730, 11.6043



10.7060, 18.9374, 2.2433



# Inverse Universe

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



55.1753, 65.9626, 4.1473



50.4222, 76.2226, 8.2553



83.0715, -33.7857, -16.9268



42.5424, 2.2845, 1.7186



34.0054, 59.5730, 11.6043



10.7060, 18.9374, 2.2433



# Previews

## White Background



This preview shows how the HunterLab color 55.1738, 65.9670, 4.1459 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

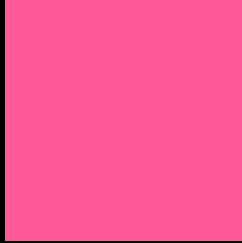
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 55.1738, 65.9670, 4.1459 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 55.1738, 65.9670, 4.1459 Background



This preview shows how black text looks on a background with the HunterLab color 55.1738, 65.9670, 4.1459.



This preview shows how white text looks on a background with the HunterLab color 55.1738, 65.9670,



# 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

55.1738, 65.9670, 4.1459

### Protanopia

55.4486, 1.7995, -16.0721

### Deuteranopia

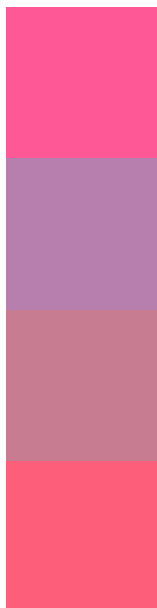
55.2527, 3.9617, 6.6547



## Tritanopia

55.1637, 55.5839, 20.8883

# Trichromacy



## Original Color

55.1738, 65.9670, 4.1459

## Protanomaly

53.0847, 23.1797, -11.6091

## Deuteranomaly

53.6088, 26.5123, 3.8707

## Tritanomaly

55.0168, 59.3311, 15.4457

# Monochromacy



## Original Color

55.1738, 65.9670, 4.1459

## Achromatopsia

53.2117, -2.8392, 2.8911

## Achromatomaly

51.8036, 21.2659, 0.7006

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 55.1738, 65.9670, 4.1459 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, 88, 150)` looks like.

```
.text, #text, p{  
    color:rgb(255, 88, 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(255, 88, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 88, 150) }
```

## Border

The CSS property to change the border of an element to HunterLab 55.1738, 65.9670, 4.1459 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, 88, 150) }
```



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

```
.border{ border-color:rgb(255, 88, 150) }
```

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

Here you see how a box with a 4 pixel rgb(255, 88, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 88, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 88, 150);  
box-shadow:4px 4px 4px 4px rgb(255, 88,  
150) }
```

# Background

The CSS property to change the background color of an element to HunterLab 55.1738, 65.9670, 4.1459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 88, 150) }
```

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

```
.background{ background-color: rgb(255, 88,  
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](#).

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