

# Converting Colors

HunterLab(55.7988, 85.1263,  
10.0487)

Have a look what the booklet for  
HunterLab(55.7988, 85.1263,  
10.0487) contains.

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# Color

**HunterLab(51.1373, 76.0108,  
4.5209)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FF3A8B
RGB	255, 58, 139
RGB Percent	100%, 23%, 55%
CMY	0.0000, 0.7725, 0.4549
CMYK	0.00, 0.77, 0.45, 0.00
HSL	335°, 100%, 61%
HSV	335°, 77%, 100%
XYZ	47.4133, 26.1502, 26.9747
YIQ	126.1370, 91.4110, 66.9550

# Conversions

## Conversions Part 2

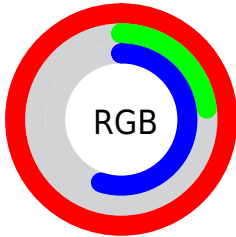
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 58, 139
Decimal	16726667
CIE <sub>Lab</sub>	58.18, 76.80, 2.29
CIE <sub>LCh</sub>	58, 76.835, 1.705
Yxy	26.1517, 0.4716, 0.2601
Android (android.graphics.Color)	4294916747 (0xFFFF3A8B)
YUV	126.1370, 6.3415, 113.0129
Hunter-Lab	51.1373, 76.0108, 4.5209

# Details

The HunterLab color **51.1373, 76.0108, 4.5209** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **86.8772, -59.2746, 25.1620**, and the grayscale version is **45.6842, -2.4376, 2.4821**.

A 20% lighter version of the original color is **62.6352, 55.2154, -7.6436**, and **34.5366, 61.2333, 6.1281** is the 20% darker color. If you saturate the color by 10%, you get **48.7604, 80.8951, 8.2819**, and if you desaturate by 10%, it is **54.6437, 68.3805, 1.6889**.

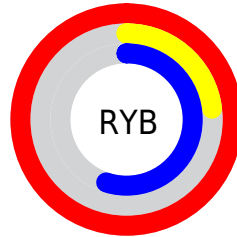
# Distribution



Red (100%)

Green (23%)

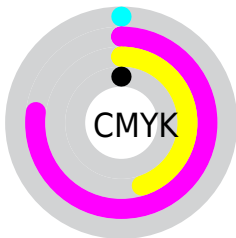
Blue (55%)



Red (100%)

Yellow (23%)

Blue (55%)

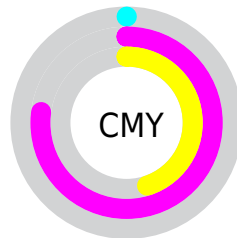


Cyan (0%)

Magenta (77%)

Yellow (45%)

Black (0%)



Cyan (0%)

Magenta (77%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.1373, 76.0108, 4.5209 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 51.1373, 76.0108, 4.5209 by changing the saturation by 10% instead.



51.1373, 76.0108,  
4.5209

51.1373, 76.0108,  
4.5209

168.3823, 94.4743,  
11.7777

41.1548, 73.5920,  
3.8529

73.1571, 80.7041,  
5.9487

31.9213, 71.2221,  
3.2137

85.1127, 82.9373,  
6.7041

23.5052, 69.0664,  
2.6050

97.6568, 85.0812,  
7.4865

15.9951, 67.5495,  
2.0262

110.7630, 87.1344,  
8.2951

9.5174, 67.9475,  
1.5147

124.4081, 89.0978,  
9.1291

0.0000, INF, NaN

0.0000, INF, NaN

138.5716, 90.9735,

9.9880

0.0000, NaN, NaN

153.2352, 92.7646,  
10.8711

0.0000, NaN, NaN

■ 51.1373, 76.0108,  
4.5209

■ 51.1373, 76.0108,  
4.5209

■ 48.7604, 80.8951,  
8.2819

■ 54.6437, 68.3805,  
1.6889

■ 47.4507, 82.7613,  
12.6212

■ 59.2168, 58.7677,  
-0.0809

■ 47.1980, 82.9819,  
13.8025

■ 64.7423, 47.9719,  
-0.8196

■ 71.0869, 36.6288,  
-0.6548

■ 78.1237, 25.1529,  
0.2565

85.7430, 13.7762,  
1.7669

93.8545, 2.6077,  
3.7528

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.



51.1388, 64.8163, -34.2130



51.1373, 76.0108, 4.5209



51.1388, 62.1008, 25.2194

# Triad

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



51.1388, 76.0060, 4.5223



51.1388, -31.6257, 31.9392



51.1388, -29.1303, -82.2047

# Complementary

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



51.1373, 76.0108, 4.5209



86.8772, -59.2746, 25.1620

# 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.



51.1388, -45.8063, -39.3967



51.1373, 76.0108, 4.5209



51.1388, -46.9735, 23.7178

# Square

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



51.1388, 76.0060, 4.5223



51.1388, -4.5789, 33.6919



51.1388, -51.4357, 0.9816



51.1388, -0.8572, -99.5487



# Rectangle

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



51.1373, 76.0108, 4.5209



51.1388, 42.0879, 30.9234



51.1388, -51.4357, 0.9816



51.1388, -36.0065, -69.3892

# Sweetspot

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



51.1388, 76.0060, 4.5223



81.2956, 20.2985, 0.8329



43.7300, 73.6052, -100.0362



36.3604, 11.2999, 0.1556

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



51.1388, 76.0060, 4.5223



47.8890, 82.3172, 10.7387



51.4984, 64.0569, 28.2435



42.5569, 2.3623, 1.5123



34.1583, 60.1339, 9.3844



10.7571, 19.1238, 1.5089



# Inverse Universe

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



51.1388, 76.0060, 4.5223



47.8890, 82.3172, 10.7387



83.4326, -37.8775, -16.4837



42.5569, 2.3623, 1.5123



34.1583, 60.1339, 9.3844



10.7571, 19.1238, 1.5089



# Previews

## White Background



This preview shows how the HunterLab color 51.1373, 76.0108, 4.5209 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

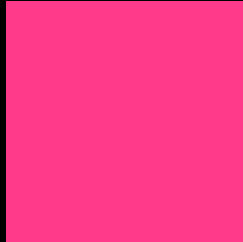
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 51.1373, 76.0108, 4.5209 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 51.1373, 76.0108, 4.5209 Background



This preview shows how black text looks on a background with the HunterLab color 51.1373, 76.0108, 4.5209.



This preview shows how white text looks on a background with the HunterLab color 51.1373, 76.0108,



# 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

51.1373, 76.0108, 4.5209

### Protanopia

51.2193, 3.4294, -22.1531

### Deuteranopia

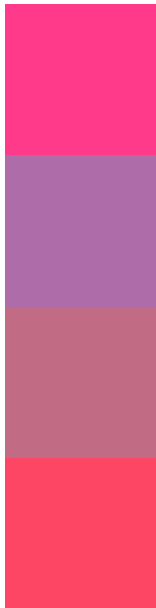
51.1684, 3.6919, 7.5290



## Tritanopia

51.2617, 63.6314, 24.3647

# Trichromacy



## Original Color

51.1373, 76.0108, 4.5209

## Protanomaly

47.7499, 28.9046, -16.6785

## Deuteranomaly

48.5245, 30.8963, 3.3281

## Tritanomaly

51.0480, 67.7954, 18.6392

# Monochromacy



## Original Color

51.1373, 76.0108, 4.5209

## Achromatopsia

45.6768, -2.4372, 2.4817

## Achromatomaly

44.5312, 26.2252, -0.6903

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 51.1373, 76.0108, 4.5209 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, 58, 139)` looks like.

```
.text, #text, p{  
    color:rgb(255, 58, 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, 58, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 58, 139) }
```

## Border

The CSS property to change the border of an element to HunterLab 51.1373, 76.0108, 4.5209 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, 58, 139) }
```



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

```
.border{ border-color:rgb(255, 58, 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, 58, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 58, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 58, 139);  
box-shadow:4px 4px 4px 4px rgb(255, 58,  
139) }
```

# Background

The CSS property to change the background color of an element to HunterLab 51.1373, 76.0108, 4.5209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 58, 139) }
```

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

```
.background{ background-color: rgb(255, 58,  
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](#).

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