

Converting Colors

HunterLab(50.3828, 77.6912,
5.3183)

Have a look what the booklet for
HunterLab(50.3828, 77.6912,
5.3183) contains.

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Color

**HunterLab(50.3755, 77.6628,
5.4229)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3387
RGB	255, 51, 135
RGB Percent	100%, 20%, 53%
CMY	0.0000, 0.7999, 0.4706
CMYK	0.00, 0.80, 0.47, 0.00
HSL	335°, 100%, 60%
HSV	335°, 80%, 100%
XYZ	46.7970, 25.3769, 25.3534
YIQ	121.5720, 94.6200, 69.3720

Conversions

Conversions Part 2

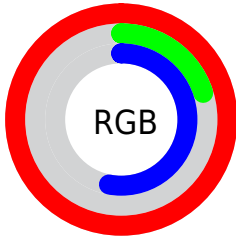
Format	Color
R_{YB}	255, 51, 135
Decimal	16724871
CIE _{Lab}	57.44, 78.26, 3.58
CIE _{LCh}	57, 78.340, 2.620
Yxy	25.3784, 0.4798, 0.2602
Android (android.graphics.Color)	4294914951 (0xFFFF3387)
YUV	121.5720, 6.6200, 117.0164
Hunter-Lab	50.3755, 77.6628, 5.4229

Details

The HunterLab color **50.3755, 77.6628, 5.4229** 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 **86.6977, -60.1457, 26.0159**, and the grayscale version is **43.9016, -2.3425, 2.3853**.

A 20% lighter version of the original color is **61.5205, 57.1298, -6.9432**, and **34.4650, 60.9718, 7.1589** is the 20% darker color. If you saturate the color by 10%, you get **48.3048, 81.7128, 9.3858**, and if you desaturate by 10%, it is **53.5746, 70.7195, 2.3175**.

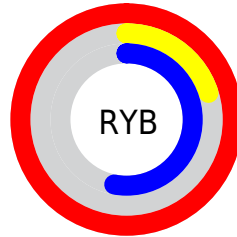
Distribution



Red (100%)

Green (20%)

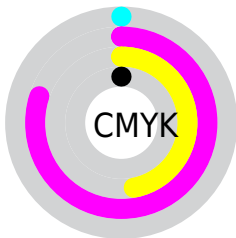
Blue (53%)



Red (100%)

Yellow (20%)

Blue (53%)

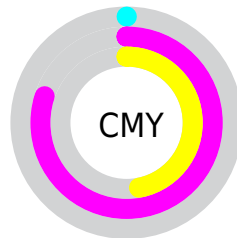


Cyan (0%)

Magenta (80%)

Yellow (47%)

Black (0%)



Cyan (0%)


Magenta (80%)


Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.3755, 77.6628, 5.4229 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 50.3755, 77.6628, 5.4229 by changing the saturation by 10% instead.


 50.3755, 77.6628,
5.4229


 50.3755, 77.6628,
5.4229


167.2474, 96.5209,
13.1682


 40.4465, 75.2218,
4.6833


 72.2983, 82.4295,
6.9793

 31.2709, 72.8515,
3.9658


 84.2093, 84.7061,
7.7933

 22.9182, 70.7400,
3.2699

 96.7109, 86.8955,
8.6314

 15.4795, 69.3711,
2.5914

 109.7763, 88.9950,
9.4931

 9.0769, 70.3112,
2.1296

 123.3823, 91.0051,
10.3780

0.0000, INF, NaN

0.0000, INF, NaN

137.5082, 92.9276,

11.2858

0.0000, NaN, NaN

152.1354, 94.7652,
12.2160

0.0000, NaN, NaN

■ 50.3755, 77.6628,
5.4229

■ 50.3755, 77.6628,
5.4229

■ 48.3048, 81.7128,
9.3858

■ 53.5746, 70.7195,
2.3175

■ 47.2019, 82.9933,
13.7520

■ 57.8643, 61.5680,
0.2579

■ 47.2013, 82.9938,
13.7549

■ 63.1411, 51.0231,
-0.7478

■ 69.2736, 39.7782,
-0.8091

■ 76.1317, 28.3069,
-0.0801

■ 83.6005, 16.8857,
1.2863

■ 91.5843, 5.6516,
3.1595

100.0000, -5.3359,
5.4332

Harmonies

Analogous

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



50.3770, 66.9434, -33.6646



50.3755, 77.6628, 5.4229



50.3770, 62.6675, 25.6355

Triad

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



50.3770, 77.6579, 5.4243



50.3770, -32.5362, 31.6917



50.3770, -28.6770, -85.6962

Complementary

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



50.3755, 77.6628, 5.4229



86.6977, -60.1457, 26.0159

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.



50.3770, -45.7694, -41.8553



50.3755, 77.6628, 5.4229



50.3770, -47.5611, 23.3525

Square

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



50.3770, 77.6579, 5.4243



50.3770, -5.5588, 33.4515



50.3770, -51.6990, -0.0961



50.3770, 0.2431, -102.5000

Rectangle

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



50.3755, 77.6628, 5.4229



50.3770, 41.9090, 30.9908



50.3770, -51.6990, -0.0961



50.3770, -35.7153, -72.6677

Sweetspot

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



50.3770, 77.6579, 5.4243



80.5412, 21.4448, 0.6712



42.5863, 75.5861, -104.1507



36.0376, 11.8066, 0.0919

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



50.3770, 77.6579, 5.4243



47.5698, 82.6805, 12.0197



50.6313, 66.1850, 28.6875



42.5571, 2.3634, 1.5092



34.1607, 60.1427, 9.3496



10.7579, 19.1267, 1.4976

Inverse Universe

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



50.3770, 77.6579, 5.4243



47.5698, 82.6805, 12.0197



83.1108, -38.0765, -16.9457



42.5571, 2.3634, 1.5092



34.1607, 60.1427, 9.3496



10.7579, 19.1267, 1.4976

Previews

White Background



This preview shows how the HunterLab color 50.3755, 77.6628, 5.4229 looks on a white background.

Color Contrast Check

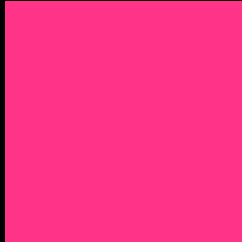
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.3755, 77.6628, 5.4229 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 50.3755, 77.6628, 5.4229 Background



This preview shows how black text looks on a background with the HunterLab color 50.3755, 77.6628, 5.4229.



This preview shows how white text looks on a background with the HunterLab color 50.3755, 77.6628,

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

50.3755, 77.6628, 5.4229

Protanopia

50.7070, 2.9817, -21.7256

Deuteranopia

50.3226, 3.4492, 8.2095



Tritanopia

50.4178, 65.5740, 25.0054

Trichromacy



Original Color

50.3755, 77.6628, 5.4229



Protanomaly

46.7246, 29.2112, -16.4753



Deuteranomaly

47.4257, 31.9922, 3.8190



Tritanomaly

50.1539, 69.8829, 19.3294

Monochromacy



Original Color

50.3755, 77.6628, 5.4229



Achromatopsia

44.1155, -2.3539, 2.3969



Achromatomaly

42.9466, 27.0525, -0.7826

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.3755, 77.6628, 5.4229 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, 51, 135)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 135)  
}
```

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, 51, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 135) }
```

Border

The CSS property to change the border of an element to HunterLab 50.3755, 77.6628, 5.4229 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, 51, 135) }
```


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

```
.border{ border-color:rgb(255, 51, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 51, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 51, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 51, 135); box-shadow:4px 4px 4px 4px rgb(255, 51, 135) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.3755, 77.6628, 5.4229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 51, 135) }
```

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

```
.background{ background-color: rgb(255, 51,  
135) }
```

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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