

Converting Colors

HunterLab(47.5381, 57.0809,
-3.6247)

Have a look what the booklet for
HunterLab(47.5381, 57.0809,
-3.6247) contains.

HunterLab(47.5381, 57.0809, -3.6247)	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(47.5381, 57.0809,
-3.6247)**

Conversions

Conversions Part 1

Format	Color
Hex	DC4D92
RGB	220, 77, 146
RGB Percent	86%, 30%, 57%
CMY	0.1373, 0.6980, 0.4274
CMYK	0.00, 0.65, 0.34, 0.14
HSL	331°, 67%, 58%
HSV	331°, 65%, 86%
XYZ	37.3574, 22.5987, 29.5871
YIQ	127.6230, 63.0790, 51.7750

Conversions

Conversions Part 2

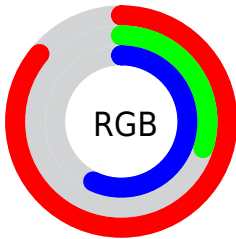
Format	Color
R_{YB}	220, 77, 146
Decimal	14437778
CIE _{Lab}	54.66, 61.70, -7.72
CIE _{LCh}	55, 62.178, 352.869
Yxy	22.5999, 0.4172, 0.2524
Android (android.graphics.Color)	4292627858 (0xFFDC4D92)
YUV	127.6230, 9.0599, 81.0146
Hunter-Lab	47.5381, 57.0809, -3.6247

Details

The HunterLab color **47.5381, 57.0809, -3.6247** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **74.1614, -47.3675, 21.4589**, and the grayscale version is **46.2626, -2.4685, 2.5135**.

A 20% lighter version of the original color is **65.1769, 50.7838, -8.6573**, and **29.0200, 52.6077, -3.8064** is the 20% darker color. If you saturate the color by 10%, you get **44.3703, 64.0724, -1.9772**, and if you desaturate by 10%, it is **51.5640, 48.5664, -4.2528**.

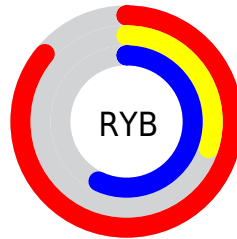
Distribution



Red (86%)

Green (30%)

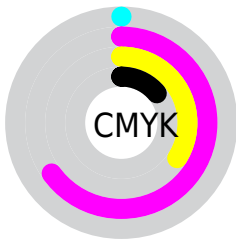
Blue (57%)



Red (86%)

Yellow (30%)

Blue (57%)

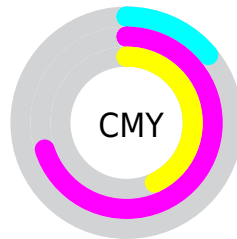


Cyan (0%)

Magenta (65%)

Yellow (34%)

Black (14%)



Cyan (14%)

Magenta (70%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.5381, 57.0809, -3.6247 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 47.5381, 57.0809, -3.6247 by changing the saturation by 10% instead.

47.5381, 57.0809,
-3.6247

47.5381, 57.0809,
-3.6247

162.9918, 71.9867,
-0.1718

37.8132, 54.9558,
-3.7555

69.0909, 61.0592,
-3.1787

28.8591, 52.7937,
-3.8180

80.8322, 62.9003,
-2.8771

20.7505, 50.6999,
-3.8008

93.1722, 64.6415,
-2.5282

13.5870, 48.9821,
-3.6915

106.0831, 66.2861,
-2.1351

7.1809, 52.1728,
-4.1190

119.5408, 67.8384,
-1.7008

0.0000, INF, NaN

0.0000, NaN, NaN

133.5238, 69.3030,

-1.2274

0.0000, NaN, NaN

148.0132, 70.6843,
-0.7172

0.0000, NaN, NaN

■ 47.5381, 57.0809,
-3.6247

■ 47.5381, 57.0809,
-3.6247

■ 44.3703, 64.0724,
-1.9772

■ 51.5640, 48.5664,
-4.2528

■ 42.1185, 68.8982,
0.6743

■ 56.3457, 39.1801,
-3.9731

■ 40.7696, 71.1701,
4.1410

■ 61.7776, 29.4045,
-2.9395

■ 40.3229, 71.6424,
5.9920

■ 67.7601, 19.5502,
-1.3069

■ 74.2079, 9.7893,
0.7928

■ 81.0504, 0.2018,
3.2555

■ 88.2307, -9.1863,
6.0023

■ 95.7030, -18.3784,
8.9745

■ 96.7171, -17.3794,
4.6182

Harmonies

Analogous

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



47.5394, 43.6021, -35.4153



47.5381, 57.0809, -3.6247



47.5394, 52.0754, 17.4669

Triad

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



47.5394, 57.0774, -3.6234



47.5394, -20.2537, 28.7156



47.5394, -28.8343, -52.1889

Complementary

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



47.5381, 57.0809, -3.6247



74.1614, -47.3675, 21.4589

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.



47.5394, -40.0298, -19.5360



47.5381, 57.0809, -3.6247



47.5394, -35.8600, 23.1119

Square

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



47.5394, 57.0774, -3.6234



47.5394, 3.7500, 29.5877



47.5394, -42.2965, 8.0595



47.5394, -8.5175, -71.6412

Rectangle

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



47.5381, 57.0809, -3.6247



47.5394, 39.3533, 24.7411



47.5394, -42.2965, 8.0595



47.5394, -33.5969, -41.7672

Sweetspot

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



47.5394, 57.0774, -3.6234



84.4849, 16.3514, -0.1541



41.2853, 50.1699, -70.9209



38.0733, 9.1062, -0.3992

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.5394, 57.0774, -3.6234



51.3491, 78.1514, -1.3238



46.2603, 48.9995, 20.3625



36.2708, 2.0607, 0.9881



30.9269, 55.0159, 4.0725



7.9813, 14.4011, -0.5237

Inverse Universe

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



47.5394, 57.0774, -3.6234



51.3491, 78.1514, -1.3238



75.2926, -34.6759, -7.5313



36.2708, 2.0607, 0.9881



30.9269, 55.0159, 4.0725



7.9813, 14.4011, -0.5237

Previews

White Background



This preview shows how the HunterLab color 47.5381, 57.0809, -3.6247 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 47.5381, 57.0809, -3.6247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

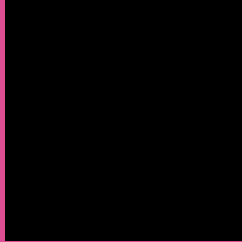
Any Text WCAG AA ✓ Pass

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 47.5381, 57.0809, -3.6247 Background



This preview shows how black text looks on a background with the HunterLab color 47.5381, 57.0809, -3.6247.



This preview shows how white text looks on a background with the HunterLab color 47.5381, 57.0809, -3.6247.

-3.6247.

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

47.5381, 57.0809, -3.6247

Protanopia

47.9734, 3.5808, -24.4047

Deuteranopia

47.6503, 3.6477, -0.9669



Tritanopia

47.5078, 44.4466, 16.5407

Trichromacy



Original Color

47.5381, 57.0809, -3.6247

Protanomaly

45.8978, 21.1012, -19.2037

Deuteranomaly

46.2994, 22.7954, -3.8430

Tritanomaly

47.3958, 48.5001, 10.1395

Monochromacy



Original Color

47.5381, 57.0809, -3.6247

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

45.0151, 18.5319, -2.1279

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.5381, 57.0809, -3.6247 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(220, 77, 146)` looks like.

```
.text, #text, p{  
    color:rgb(220, 77, 146)  
}
```

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(220, 77, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 77, 146) }
```

Border

The CSS property to change the border of an element to HunterLab 47.5381, 57.0809, -3.6247 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(220, 77, 146) }
```


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

```
.border{ border-color:rgb(220, 77, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 77, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 77, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 77, 146);  
box-shadow:4px 4px 4px 4px rgb(220, 77,  
146) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.5381, 57.0809, -3.6247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 77, 146) }
```

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

```
.background{ background-color: rgb(220, 77,  
146) }
```

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