

# Converting Colors

HunterLab(51.0444, 58.0718,  
-30.4103)

Have a look what the booklet for  
HunterLab(51.0444, 58.0718,  
-30.4103) contains.

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# Color

**HunterLab(51.0419, 57.8155,  
-30.3003)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D75BC7
RGB	215, 91, 199
RGB Percent	84%, 36%, 78%
CMY	0.1569, 0.6431, 0.2196
CMYK	0.00, 0.58, 0.07, 0.16
HSL	308°, 61%, 60%
HSV	308°, 58%, 84%
XYZ	42.0742, 26.0528, 56.8439
YIQ	140.3880, 39.2360, 59.8760

# Conversions

## Conversions Part 2

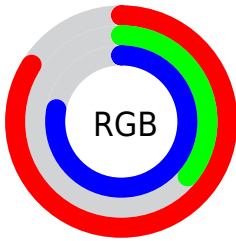
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	215, 91, 199
Decimal	14113735
CIE <sub>Lab</sub>	58.09, 61.72, -33.30
CIE <sub>LCh</sub>	58, 70.131, 331.649
Yxy	26.0540, 0.3367, 0.2085
Android (android.graphics.Color)	4292303815 (0xFFD75BC7)
YUV	140.3880, 28.8957, 65.4347
Hunter-Lab	51.0419, 57.8155, -30.3003

# Details

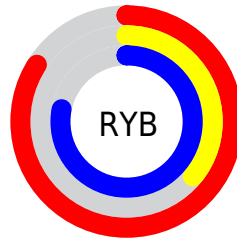
The HunterLab color **51.0419, 57.8155, -30.3003** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **72.0330, -48.5701, 32.0854**, and the grayscale version is **51.2439, -2.7342, 2.7842**.

A 20% lighter version of the original color is **70.2477, 54.2350, -35.6144**, and **31.8449, 53.4610, -29.3164** is the 20% darker color. If you saturate the color by 10%, you get **47.7093, 66.8143, -34.5011**, and if you desaturate by 10%, it is **55.1373, 47.6015, -25.1268**.

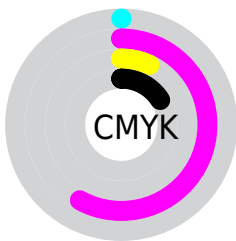
# Distribution



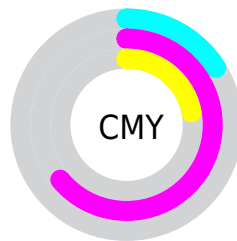
- Red (84%)
- Green (36%)
- Blue (78%)



- Red (84%)
- Yellow (36%)
- Blue (78%)



- Cyan (0%)
- Magenta (58%)
- Yellow (7%)
- Black (16%)



- Cyan (16%)
- Magenta (64%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.0419, 57.8155, -30.3003 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 51.0419, 57.8155, -30.3003 by changing the saturation by 10% instead.



51.0419, 57.8155,  
-30.3003

51.0419, 57.8155,  
-30.3003

168.2400, 72.4477,  
-33.8908

41.0658, 55.7162,  
-29.6864

73.0493, 61.7292,  
-31.4391

31.8396, 53.5600,  
-29.0890

84.9993, 63.5364,  
-31.9421

23.4313, 51.4226,  
-28.5894

97.5381, 65.2447,  
-32.3942

15.9302, 49.5164,  
-28.3927

110.6392, 66.8578,  
-32.7943

9.4628, 48.5151,  
-29.1155

124.2794, 68.3802,  
-33.1429

0.0000, INF, -NF

0.0000, NaN, NaN

138.4382, 69.8164,

-33.4409

0.0000, NaN, NaN

153.0972, 71.1708,  
-33.6897

■ 51.0419, 57.8155,  
-30.3003

■ 51.0419, 57.8155,  
-30.3003

■ 47.7093, 66.8143,  
-34.5011

■ 55.1373, 47.6015,  
-25.1268

■ 45.2018, 73.9502,  
-37.3759

■ 59.9042, 36.7527,  
-19.3274

■ 43.5385, 78.6734,  
-38.6638

■ 65.2531, 25.6803,  
-13.1675

■ 42.6410, 80.8739,  
-38.3859

■ 71.1000, 14.6422,  
-6.8306

■ 42.4807, 81.2210,  
-38.2199

■ 77.3725, 3.7780,  
-0.4311

■ 84.0100, -6.8507,  
5.9658

■ 90.9628, -17.2286,  
12.3266

■ 95.4977, -23.4542,  
15.8793

■ 95.5758, -23.0113,  
14.7563

# Harmonies

## Analogous

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



51.0431, 30.7924, -68.3815



51.0419, 57.8155, -30.3003



51.0431, 67.7390, 4.3153

# Triad

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



51.0431, 57.8131, -30.2985



51.0431, -4.3573, 32.7032



51.0431, -42.7810, -34.6909

# Complementary

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



51.0419, 57.8155, -30.3003



72.0330, -48.5701, 32.0854

# 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.



51.0431, -48.1533, 1.1922



51.0419, 57.8155, -30.3003



51.0431, -29.3457, 30.7511

# Square

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



51.0431, 57.8131, -30.2985



51.0431, 27.2911, 31.1810



51.0431, -43.8577, 22.4162



51.0431, -27.0926, -71.7798



# Rectangle

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



51.0419, 57.8155, -30.3003



51.0431, 61.8639, 19.0191



51.0431, -43.8577, 22.4162



51.0431, -45.6679, -21.5729

# Sweetspot

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



51.0431, 57.8131, -30.2985



86.6239, 17.0880, -7.8935



39.2702, 30.7712, -72.3290



39.3876, 9.1552, -4.3781

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



51.0431, 57.8131, -30.2985



57.1858, 82.9860, -42.6907



48.7658, 47.8700, 1.4048



35.5019, 2.6354, -0.7218



32.8706, 62.8740, -29.7834



8.1213, 15.6118, -7.9593



# Inverse Universe

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



51.0431, 57.8131, -30.2985



57.1858, 82.9860, -42.6907



73.2347, -41.3071, 14.6212



35.5019, 2.6354, -0.7218



32.8706, 62.8740, -29.7834



8.1213, 15.6118, -7.9593



# Previews

## White Background



This preview shows how the HunterLab color 51.0419, 57.8155, -30.3003 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

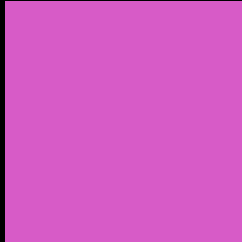
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 51.0419, 57.8155, -30.3003 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

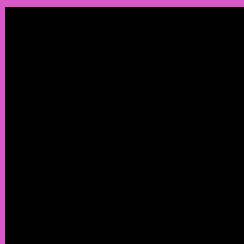
Any Text WCAG AA ✓ Pass

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 51.0419, 57.8155, -30.3003 Background



This preview shows how black text looks on a background with the HunterLab color 51.0419, 57.8155, -30.3003.



This preview shows how white text looks on a background with the HunterLab color 51.0419, 57.8155, -30.3003.

-30.3003.

# 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

51.0419, 57.8155, -30.3003

### Protanopia

51.5808, 11.1568, -60.9994

### Deuteranopia

51.2090, 3.8175, -25.4468



## Tritanopia

50.8397, 32.2603, 11.1691

# Trichromacy



## Original Color

51.0419, 57.8155, -30.3003

## Protanomaly

49.3864, 25.5689, -53.7834

## Deuteranomaly

49.7372, 22.3471, -29.8027

## Tritanomaly

50.6220, 40.7136, -1.3967

# Monochromacy



## Original Color

51.0419, 57.8155, -30.3003

## Achromatopsia

51.2104, -2.7325, 2.7824

## Achromatomaly

49.7069, 18.3345, -9.2687

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 51.0419, 57.8155, -30.3003 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(215, 91, 199)` looks like.

```
.text, #text, p{  
    color:rgb(215, 91, 199)  
}
```

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(215, 91, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 91, 199) }
```

## Border

The CSS property to change the border of an element to HunterLab 51.0419, 57.8155, -30.3003 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(215, 91, 199) }
```



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

```
.border{ border-color:rgb(215, 91, 199) }
```

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

Here you see how a box with a 4 pixel rgb(215, 91, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 91, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 91, 199);  
box-shadow:4px 4px 4px 4px rgb(215, 91,  
199) }
```

# Background

The CSS property to change the background color of an element to HunterLab 51.0419, 57.8155, -30.3003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 91, 199) }
```

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

```
.background{ background-color: rgb(215, 91,  
199) }
```

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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