

Converting Colors

HunterLab(51.3634, 77.4872,
-65.7897)

Have a look what the booklet for
HunterLab(51.3634, 77.4872,
-65.7897) contains.

HunterLab(51.3634, 77.4872, -65.7897)	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(51.3634, 77.4872,
-65.7897)**

Conversions

Conversions Part 1

Format	Color
Hex	DC48F4
RGB	220, 72, 244
RGB Percent	86%, 28%, 96%
CMY	0.1372, 0.7176, 0.0431
CMYK	0.10, 0.70, 0.00, 0.04
HSL	292°, 89%, 62%
HSV	292°, 70%, 96%
XYZ	48.1616, 26.3820, 88.1417
YIQ	135.8600, 32.9960, 84.8680

Conversions

Conversions Part 2

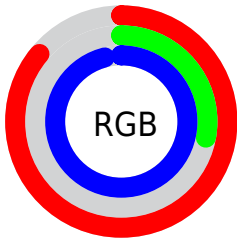
Format	Color
R _Y B	220, 72, 244
Decimal	14436596
CIE Lab	58.40, 77.94, -58.12
CIE LCh	58, 97.223, 323.286
Yxy	26.3831, 0.2960, 0.1622
Android (android.graphics.Color)	4292626676 (0xFFDC48F4)
YUV	135.8600, 53.3130, 73.7908
Hunter-Lab	51.3634, 77.4872, -65.7897

Details

The HunterLab color **51.3634, 77.4872, -65.7897** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **82.2536, -60.7307, 45.2011**, and the grayscale version is **49.3506, -2.6332, 2.6813**.

A 20% lighter version of the original color is **67.0690, 62.3861, -41.2149**, and **33.4140, 67.9597, -61.6422** is the 20% darker color. If you saturate the color by 10%, you get **48.2738, 85.1171, -73.8836**, and if you desaturate by 10%, it is **55.4295, 67.5754, -56.2108**.

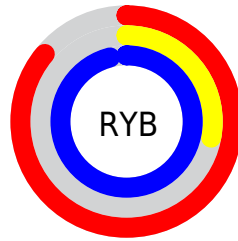
Distribution



Red (86%)

Green (28%)

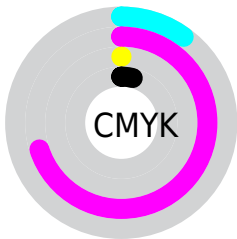
Blue (96%)



Red (86%)

Yellow (28%)

Blue (96%)

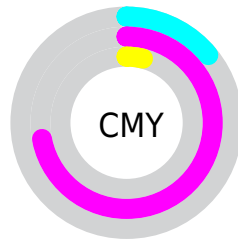


Cyan (10%)

Magenta (70%)

Yellow (0%)

Black (4%)



Cyan (14%)

Magenta (72%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.3634, 77.4872, -65.7897 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 51.3634, 77.4872, -65.7897 by changing the saturation by 10% instead.

51.3634, 77.4872,
-65.7897

51.3634, 77.4872,
-65.7897

168.7180, 96.2045,
-72.4985

41.3648, 75.0536,
-65.4674

73.4114, 82.2315,
-67.0670

32.1143, 72.6732,
-65.6138

85.3802, 84.4918,
-67.8443

23.6795, 70.5199,
-66.6614

97.9368, 86.6642,
-68.6509

16.1484, 69.0283,
-69.6188

111.0550, 88.7464,
-69.4616

9.6465, 69.4948,
-77.3776

124.7116, 90.7391,
-70.2604

0.0000, INF, -NF

0.0000, NaN, -NF

138.8862, 92.6445,

-71.0369

0.0000, NaN, -NF

153.5605, 94.4653,
-71.7844

■ 51.3634, 77.4872,
-65.7897

■ 51.3634, 77.4872,
-65.7897

■ 48.2738, 85.1171,
-73.8836

■ 55.4295, 67.5754,
-56.2108

■ 46.1819, 89.7750,
-79.8526

■ 60.3817, 56.2191,
-45.8497

■ 44.9741, 91.5423,
-83.5168

■ 66.1091, 44.1226,
-35.2513

■ 72.4996, 31.7758,
-24.7638

■ 79.4523, 19.4708,
-14.5698

86.8826, 7.3579,
-4.7413

94.7208, -4.5014,
4.7142

98.9289, -9.7779,
9.4936

99.2445, -8.6675,
9.8706

Harmonies

Analogous

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



51.3645, 32.4943, -125.8653



51.3634, 77.4872, -65.7897



51.3645, 102.0523, -6.8239

Triad

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



51.3645, 77.4855, -65.7874



51.3645, 6.8560, 35.6217



51.3645, -57.1548, -36.8323

Complementary

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



51.3634, 77.4872, -65.7897



82.2536, -60.7307, 45.2011

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.



51.3645, -60.1373, 10.8533



51.3634, 77.4872, -65.7897



51.3645, -30.4708, 35.0365

Square

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



51.3645, 77.4855, -65.7874



51.3645, 53.7470, 33.9513



51.3645, -52.0895, 30.5314



51.3645, -42.0578, -101.8044

Rectangle

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



51.3634, 77.4872, -65.7897



51.3645, 99.3940, 17.2800



51.3645, -52.0895, 30.5314



51.3645, -59.3600, -17.7240

Sweetspot

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



51.3645, 77.4855, -65.7874



83.1106, 21.1910, -15.9086



40.7536, 30.9607, -98.8631



37.4936, 11.4547, -8.7181

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.3645, 77.4855, -65.7874



49.5891, 92.2145, -80.9446



52.2696, 73.3259, -17.8230



40.7974, 2.8663, -1.7582



33.2315, 67.5970, -61.3703



10.0109, 20.2619, -17.7013

Inverse Universe

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



49.7124, 62.8685, 18.5336



48.0476, 75.6635, 24.0850



82.3111, -59.0295, 33.9091



40.6450, 1.7437, 2.7708



32.4536, 55.8072, 19.1922



9.6803, 16.7631, 4.8191

Previews

White Background



This preview shows how the HunterLab color 51.3634, 77.4872, -65.7897 looks on a white background.

Color Contrast Check

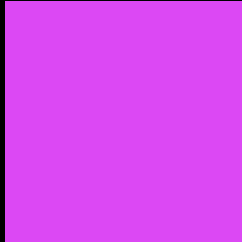
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.3634, 77.4872, -65.7897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

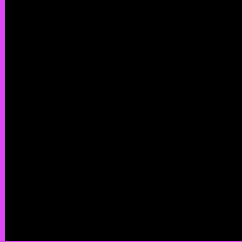
Any Text WCAG AA ✓ Pass

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 51.3634, 77.4872, -65.7897 Background



This preview shows how black text looks on a background with the HunterLab color 51.3634, 77.4872, -65.7897.



This preview shows how white text looks on a background with the HunterLab color 51.3634, 77.4872, -65.7897.

-65.7897.

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

51.3634, 77.4872, -65.7897

Protanopia

51.8273, 13.9661, -76.0503

Deuteranopia

51.5997, 4.7756, -55.8430



Tritanopia

51.0419, 30.6974, 10.6015

Trichromacy



Original Color

51.3634, 77.4872, -65.7897



Protanomaly

48.6629, 35.2758, -80.5943



Deuteranomaly

48.4277, 29.1512, -66.8052



Tritanomaly

50.1898, 46.7065, -10.8732

Monochromacy



Original Color

51.3634, 77.4872, -65.7897



Achromatopsia

49.6187, -2.6475, 2.6959



Achromatomaly

48.0842, 25.6583, -19.9307

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.3634, 77.4872, -65.7897 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, 72, 244)` looks like.

```
.text, #text, p{  
    color:rgb(220, 72, 244)  
}
```

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, 72, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 72, 244) }
```

Border

The CSS property to change the border of an element to HunterLab 51.3634, 77.4872, -65.7897 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, 72, 244) }
```


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

```
.border{ border-color:rgb(220, 72, 244) }
```

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

Here you see how a box with a 4 pixel rgb(220, 72, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 72, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 72, 244);  
box-shadow:4px 4px 4px 4px rgb(220, 72,  
244) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.3634, 77.4872, -65.7897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 72, 244) }
```

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

```
.background{ background-color: rgb(220, 72,  
244) }
```

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