

Converting Colors

HunterLab(55.2615, 33.8809,
-4.2873)

Have a look what the booklet for
HunterLab(55.2615, 33.8809,
-4.2873) contains.

HunterLab(55.2036, 33.5750, -4.1429)	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(55.2036, 33.5750,
-4.1429)**

Conversions

Conversions Part 1

Format	Color
Hex	D17BA6
RGB	209, 123, 166
RGB Percent	82%, 48%, 65%
CMY	0.1804, 0.5176, 0.3490
CMYK	0.00, 0.41, 0.21, 0.18
HSL	330°, 48%, 65%
HSV	330°, 41%, 82%
XYZ	40.2604, 30.4744, 39.8366
YIQ	153.6160, 37.4530, 31.6050

Conversions

Conversions Part 2

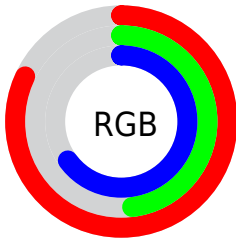
Format	Color
R_{YB}	209, 123, 166
Decimal	13728678
CIE _{Lab}	62.06, 39.03, -8.45
CIE _{LCh}	62, 39.937, 347.778
Yxy	30.4758, 0.3641, 0.2756
Android (android.graphics.Color)	4291918758 (0xFFD17BA6)
YUV	153.6160, 6.1053, 48.5718
Hunter-Lab	55.2036, 33.5750, -4.1429

Details

The HunterLab color **55.2036, 33.5750, -4.1429** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **72.5023, -33.6851, 14.5818**, and the grayscale version is **56.6563, -3.0230, 3.0782**.

A 20% lighter version of the original color is **76.1083, 31.0156, -5.8497**, and **35.5274, 30.7338, -4.1376** is the 20% darker color. If you saturate the color by 10%, you get **50.4618, 42.6406, -4.8800**, and if you desaturate by 10%, it is **60.5192, 24.2660, -2.7533**.

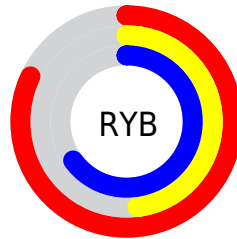
Distribution



Red (82%)

Green (48%)

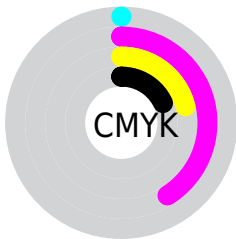
Blue (65%)



Red (82%)

Yellow (48%)

Blue (65%)

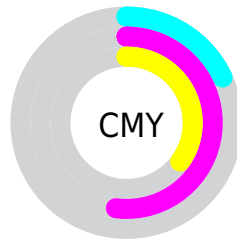


Cyan (0%)

Magenta (41%)

Yellow (21%)

Black (18%)



Cyan (18%)

Magenta (52%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.2036, 33.5750, -4.1429 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 55.2036, 33.5750, -4.1429 by changing the saturation by 10% instead.

■ 55.2036, 33.5750,
-4.1429

■ 55.2036, 33.5750,
-4.1429

174.3893, 41.1333,
-0.6519

■ 44.9444, 32.2629,
-4.2872

■ 77.7263, 35.8572,
-3.6790

■ 35.4126, 30.8307,
-4.3673

■ 89.9138, 36.8498,
-3.3714

■ 26.6701, 29.2719,
-4.3739

■ 102.6790, 37.7529,
-3.0179

■ 18.7958, 27.5997,
-4.2965

115.9970, 38.5731,
-2.6214

■ 11.8989, 25.8912,
-4.1236

129.8456, 39.3164,
-2.1845

■ 4.7785, 36.9980,
-7.0736

144.2053, 39.9879,

0.0000, INF, NaN

-1.7094

0.0000, NaN, NaN

159.0585, 40.5922,
-1.1980

0.0000, NaN, NaN

■ 55.2036, 33.5750,
-4.1429

■ 55.2036, 33.5750,
-4.1429

■ 50.4618, 42.6406,
-4.8800

■ 60.5192, 24.2660,
-2.7533

■ 46.3877, 51.0807,
-4.8122

■ 66.3168, 14.9574,
-0.8570

■ 43.0797, 58.3418,
-3.8019


■ 72.5235, 5.7710,
1.4319


■ 40.6121, 63.7932,
-1.7931


■ 79.0788, -3.2400,
4.0250


■ 39.0048, 66.9373,
1.1217


■ 85.9336, -12.0633,
6.8563

 38.1641, 68.0024,
4.1552

 93.0486, -20.7074,
9.8772

 95.5597, -22.1697,
7.7542

 95.8920, -20.2931,
3.0129

 96.0705, -19.2881,
0.4732

Harmonies

Analogous

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



55.2049, 23.9831, -22.8476



55.2036, 33.5750, -4.1429



55.2049, 32.5331, 11.8406

Triad

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



55.2049, 33.5725, -4.1416



55.2049, -12.7669, 25.4826



55.2049, -23.6196, -26.0295

Complementary

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



55.2036, 33.5750, -4.1429



72.5023, -33.6851, 14.5818

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.



55.2049, -31.2516, -7.5859



55.2036, 33.5750, -4.1429



55.2049, -25.5386, 20.3555

Square

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



55.2049, 33.5725, -4.1416



55.2049, 4.2902, 25.8881



55.2049, -31.9078, 9.3078



55.2049, -9.8325, -37.8617

Rectangle

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



55.2036, 33.5750, -4.1429



55.2049, 25.9607, 19.1210



55.2049, -31.9078, 9.3078



55.2049, -26.9122, -20.1768

Sweetspot

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



55.2049, 33.5725, -4.1416



90.0333, 8.3591, 1.4903



51.8440, 27.4333, -36.5592



41.1688, 4.5664, 0.5056

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



55.2049, 33.5725, -4.1416



64.0839, 51.6398, -6.0273



53.9933, 27.6794, 13.1760



34.5042, 1.9644, 0.8727



30.0003, 53.5176, 2.7874



7.2059, 13.0612, -0.9310

Inverse Universe

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



55.2049, 33.5725, -4.1416



64.0839, 51.6398, -6.0273



73.7672, -26.3044, -3.4889



34.5042, 1.9644, 0.8727



30.0003, 53.5176, 2.7874



7.2059, 13.0612, -0.9310

Previews

White Background



This preview shows how the HunterLab color 55.2036, 33.5750, -4.1429 looks on a white background.

Color Contrast Check

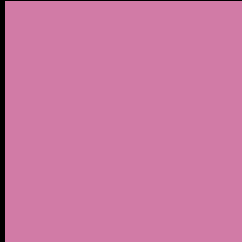
Large Text (above 18pt) WCAG AA × Fail

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 55.2036, 33.5750, -4.1429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

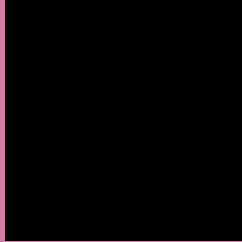
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 55.2036, 33.5750, -4.1429 Background



This preview shows how black text looks on a background with the HunterLab color 55.2036, 33.5750, -4.1429.



This preview shows how white text looks on a background with the HunterLab color 55.2036, 33.5750,

-4.1429.

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

55.2036, 33.5750, -4.1429

Protanopia

55.4558, 1.5191, -13.6990

Deuteranopia

55.3534, 4.0582, -2.4338



Tritanopia

55.1318, 25.7755, 8.5649

Trichromacy



Original Color

55.2036, 33.5750, -4.1429

Protanomaly

54.9054, 12.0138, -10.8739

Deuteranomaly

55.0330, 14.1644, -3.1716

Tritanomaly

55.0683, 28.5494, 4.2678

Monochromacy



Original Color

55.2036, 33.5750, -4.1429

Achromatopsia

56.8457, -3.0331, 3.0885

Achromatomaly

55.7783, 9.4322, 0.1512

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.2036, 33.5750, -4.1429 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(209, 123, 166)` looks like.

```
.text, #text, p{  
    color:rgb(209, 123, 166)  
}
```

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(209, 123, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 123, 166) }
```

Border

The CSS property to change the border of an element to HunterLab 55.2036, 33.5750, -4.1429 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(209, 123, 166) }
```


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

```
.border{ border-color:rgb(209, 123, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 123, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 123, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 123, 166);  
box-shadow:4px 4px 4px 4px rgb(209, 123,  
166) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.2036, 33.5750, -4.1429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 123, 166) }
```

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

```
.background{ background-color: rgb(209,  
123, 166) }
```

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