

# Converting Colors

HunterLab(54.0815, 34.7694,  
3.8176)

Have a look what the booklet for  
HunterLab(54.0815, 34.7694,  
3.8176) contains.

<b>HunterLab(54.0459, 34.8394, 3.6306)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(54.0459, 34.8394,  
3.6306)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D57693
RGB	213, 118, 147
RGB Percent	84%, 46%, 58%
CMY	0.1647, 0.5372, 0.4235
CMYK	0.00, 0.45, 0.31, 0.16
HSL	342°, 53%, 65%
HSV	342°, 45%, 84%
XYZ	39.1855, 29.2096, 31.1765
YIQ	149.7110, 47.3110, 29.1590

# Conversions

## Conversions Part 2

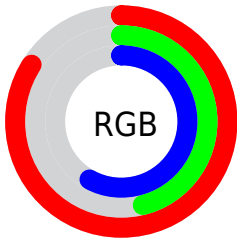
Format	Color
<a href="#">RYB</a>	<a href="#">213, 118, 147</a>
Decimal	<a href="#">13989523</a>
CIELab	<a href="#">60.97, 40.38, 0.88</a>
CIElCh	<a href="#">61, 40.390, 1.249</a>
Yxy	<a href="#">29.2110, 0.3935, 0.2934</a>
Android (android.graphics.Color)	<a href="#">4292179603</a> ( <a href="#">0xFFD57693</a> )
YUV	<a href="#">149.7110, -1.3365, 55.5045</a>
Hunter-Lab	<a href="#">54.0459, 34.8394, 3.6306</a>

# Details

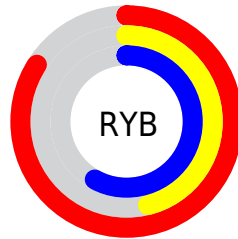
The HunterLab color **54.0459, 34.8394, 3.6306** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **74.0955, -33.5012, 8.7822**, and the grayscale version is **55.1019, -2.9401, 2.9938**.

A 20% lighter version of the original color is **74.1499, 30.4067, 2.0388**, and **34.3910, 32.2872, 2.2597** is the 20% darker color. If you saturate the color by 10%, you get **49.3080, 43.5529, 4.8095**, and if you desaturate by 10%, it is **59.4152, 25.8727, 3.0471**.

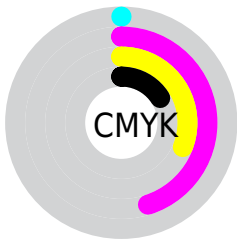
# Distribution



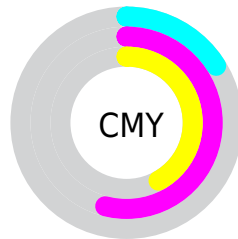
- Red (84%)
- Green (46%)
- Blue (58%)



- Red (84%)
- Yellow (46%)
- Blue (58%)



- Cyan (0%)
- Magenta (45%)
- Yellow (31%)
- Black (16%)




- Cyan (16%)
- Magenta (54%)
- Yellow (42%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 54.0459, 34.8394, 3.6306 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 54.0459, 34.8394, 3.6306 by changing the saturation by 10% instead.





 54.0459, 34.8394,  
3.6306


 54.0459, 34.8394,  
3.6306


172.6874, 42.9105,  
10.4195


 43.8640, 33.4618,  
3.0304


 76.4279, 37.2475,  
4.9355

 34.4154, 31.9642,  
2.4654


 88.5504, 38.3005,  
5.6348

 25.7637, 30.3433,  
1.9390


 101.2536, 39.2621,  
6.3638

 17.9904, 28.6209,  
1.4539

114.5121, 40.1391,  
7.1215

 11.2091, 26.9026,  
1.0135

128.3036, 40.9375,  
7.9068

 3.2726, 54.9377,  
1.2932

142.6082, 41.6625,

0.0000, INF, NaN

8.7188

0.0000, NaN, NaN

157.4082, 42.3188,  
9.5566

0.0000, NaN, NaN

■ 54.0459, 34.8394,  
3.6306

■ 54.0459, 34.8394,  
3.6306

■ 49.3080, 43.5529,  
4.8095

■ 59.4152, 25.8727,  
3.0471

■ 45.3072, 51.5876,  
6.6345

■ 65.3121, 16.9236,  
2.9720

■ 42.1494, 58.3394,  
9.0893


■ 71.6538, 8.1239,  
3.3200


■ 39.9055, 63.1609,  
12.0405


■ 78.3716, -0.4720,  
4.0144


■ 38.5726, 65.6308,  
15.2264

■ 85.4108, -8.8545,  
4.9914

 38.1156, 66.2758,  
16.8645

 92.7275, -17.0367,  
6.2000

 96.2317, -18.9956,  
2.9418

 96.3775, -18.1769,  
0.8678

# Harmonies

## Analogous

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



54.0472, 29.7205, -14.7351



54.0459, 34.8394, 3.6306



54.0472, 28.8285, 16.9967

# Triad

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



54.0472, 34.8365, 3.6318



54.0472, -19.1860, 23.7061



54.0472, -18.0709, -33.1051

# Complementary

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



54.0459, 34.8394, 3.6306



74.0955, -33.5012, 8.7822

# 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.



54.0472, -28.6418, -16.3317



54.0459, 34.8394, 3.6306



54.0472, -29.2260, 16.1321

# Square

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



54.0472, 34.8365, 3.6318



54.0472, -3.6148, 26.0841



54.0472, -32.4593, 2.2429



54.0472, -2.1548, -39.5841



# Rectangle

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



54.0459, 34.8394, 3.6306



54.0472, 19.7143, 22.3568



54.0472, -32.4593, 2.2429



54.0472, -22.2928, -28.2678

# Sweetspot

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



54.0472, 34.8365, 3.6318



89.0210, 8.3996, 4.1703



52.7444, 36.2937, -37.6270



40.3564, 4.9857, 1.8604

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



54.0472, 34.8365, 3.6318



60.4709, 53.3476, 5.8882



57.3586, 22.3407, 18.0167



35.3307, 1.7173, 1.7129



29.8167, 51.8980, 12.7865



7.4219, 13.1099, 1.6981



# Inverse Universe

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



54.0472, 34.8365, 3.6318



60.4709, 53.3476, 5.8882



69.2450, -20.3130, -11.5879



35.3307, 1.7173, 1.7129



29.8167, 51.8980, 12.7865



7.4219, 13.1099, 1.6981



# Previews

## White Background



This preview shows how the HunterLab color 54.0459, 34.8394, 3.6306 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

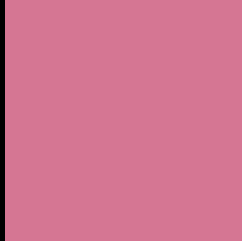
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 54.0459, 34.8394, 3.6306 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

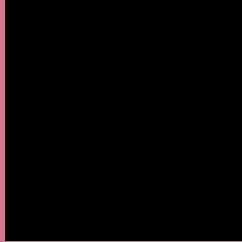
Any Text WCAG AA ✓ Pass

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 54.0459, 34.8394, 3.6306 Background



This preview shows how black text looks on a background with the HunterLab color 54.0459, 34.8394, 3.6306.



This preview shows how white text looks on a background with the HunterLab color 54.0459, 34.8394,



# 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

54.0459, 34.8394, 3.6306

### Protanopia

54.3760, -0.5782, -4.7998

### Deuteranopia

54.3329, 3.7730, 5.1882



## Tritanopia

53.9772, 30.3134, 10.5934

# Trichromacy



## Original Color

54.0459, 34.8394, 3.6306

## Protanomaly

53.5005, 11.6492, -2.6776

## Deuteranomaly

53.8599, 14.6169, 4.3984

## Tritanomaly

54.0440, 31.9615, 8.3077

# Monochromacy



## Original Color

54.0459, 34.8394, 3.6306

## Achromatopsia

55.2257, -2.9467, 3.0005

## Achromatomaly

54.0658, 10.1981, 2.3124

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 54.0459, 34.8394, 3.6306 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(213, 118, 147)` looks like.

```
.text, #text, p{  
    color:rgb(213, 118, 147)  
}
```

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(213, 118, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 118, 147) }
```

## Border

The CSS property to change the border of an element to HunterLab 54.0459, 34.8394, 3.6306 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(213, 118, 147) }
```



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

```
.border{ border-color:rgb(213, 118, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 118, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 118, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 118, 147);  
box-shadow:4px 4px 4px 4px rgb(213, 118,  
147) }
```

# Background

The CSS property to change the background color of an element to HunterLab 54.0459, 34.8394, 3.6306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 118, 147) }
```

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

```
.background{ background-color: rgb(213,  
118, 147) }
```

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