

# Converting Colors

HunterLab(52.2738, 27.8851,  
0.5342)

Have a look what the booklet for  
HunterLab(52.2738, 27.8851,  
0.5342) contains.

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# Color

**HunterLab(52.2864, 27.6650,  
0.4605)**

# Conversions

Conversions Part 1	
Format	Color
Hex	C47895
RGB	196, 120, 149
RGB Percent	77%, 47%, 58%
CMY	0.2314, 0.5294, 0.4157
CMYK	0.00, 0.39, 0.24, 0.23
HSL	337°, 39%, 62%
HSV	337°, 39%, 77%
XYZ	34.9063, 27.3387, 31.8710
YIQ	146.0300, 35.9870, 25.1310

# Conversions

## Conversions Part 2

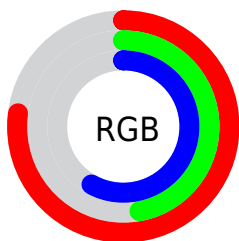
Format	Color
<a href="#">RYB</a>	<a href="#">196, 120, 149</a>
Decimal	<a href="#">12875925</a>
CIELab	<a href="#">59.29, 33.55, -2.99</a>
CIELCh	<a href="#">59, 33.682, 354.912</a>
Yxy	<a href="#">27.3400, 0.3709, 0.2905</a>
Android (android.graphics.Color)	<a href="#">4291066005</a> (0xFFC47895)
YUV	<a href="#">146.0300, 1.4642, 43.8237</a>
Hunter-Lab	<a href="#">52.2864, 27.6650, 0.4605</a>

# Details

The HunterLab color **52.2864, 27.6650, 0.4605** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **68.0174, -28.5910, 9.5412**, and the grayscale version is **53.6108, -2.8605, 2.9128**.

A 20% lighter version of the original color is **74.3436, 29.7967, 1.2724**, and **32.9205, 24.8599, -0.0904** is the 20% darker color. If you saturate the color by 10%, you get **47.6768, 35.8777, 0.6310**, and if you desaturate by 10%, it is **57.4059, 19.3445, 0.8284**.

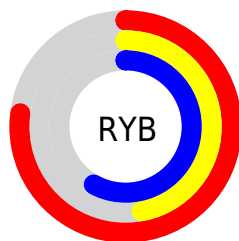
# Distribution



Red (77%)

Green (47%)

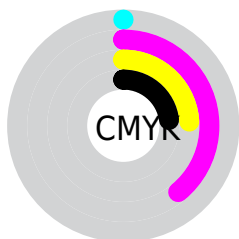
Blue (58%)



Red (77%)

Yellow (47%)

Blue (58%)

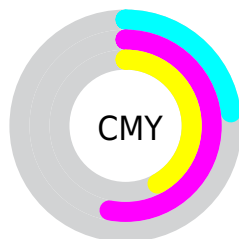


Cyan (0%)

Magenta (39%)

Yellow (24%)

Black (23%)



Cyan (23%)

Magenta (53%)

Yellow (42%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.2864, 27.6650, 0.4605 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 52.2864, 27.6650, 0.4605 by changing the saturation by 10% instead.





 52.2864, 27.6650,  
0.4605


 52.2864, 27.6650,  
0.4605


170.0881, 33.6311,  
5.7689


 42.2241, 26.5413,  
0.0701


 74.4506, 29.5730,  
1.3828

 32.9045, 25.2946,  
-0.2693


 86.4728, 30.3819,  
1.9054

 24.3940, 23.9132,  
-0.5497

 99.0803, 31.1044,  
2.4658

 16.7783, 22.3999,  
-0.7618

112.2472, 31.7473,  
3.0618

 10.1783, 20.8129,  
-0.8913

125.9507, 32.3166,  
3.6916

0.0000, INF, -NF

0.0000, NaN, NaN


140.1704, 32.8174,


4.3537


0.0000, NaN, NaN


154.8883, 33.2543,  
5.0465


0.0000, NaN, NaN


 52.2864, 27.6650,  
0.4605


 52.2864, 27.6650,  
0.4605


 47.6768, 35.8777,  
0.6310


 57.4059, 19.3445,  
0.8284


 43.6649, 43.6873,  
1.4362


 62.9519, 11.0945,  
1.6326


 40.3476, 50.6325,  
2.9487


 68.8595, 2.9947,  
2.7883


 37.8074, 56.1392,  
5.1670

 75.0754, -4.9265,  
4.2264


 36.0845, 59.6782,  
7.9697


 81.5568, -12.6697,  
5.8925


 35.0907, 61.2093,  
11.0581

 88.2694, -20.2495,  
7.7446

 34.9869, 61.3597,  
11.4183

 94.4393, -26.6200,  
8.9266

 94.8199, -24.4529,  
3.4939

 95.1188, -22.7570,  
-0.7581

# Harmonies

## Analogous

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



52.2876, 21.7832, -14.6232



52.2864, 27.6650, 0.4605



52.2876, 24.6914, 12.7485

# Triad

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



52.2876, 27.6626, 0.4616



52.2876, -13.9264, 21.5090



52.2876, -17.7424, -23.5426

# Complementary

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



52.2864, 27.6650, 0.4605



68.0174, -28.5910, 9.5412

# 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.



52.2876, -25.5604, -9.4755



52.2864, 27.6650, 0.4605



52.2876, -23.5296, 15.8097

# Square

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



52.2876, 27.6626, 0.4616



52.2876, -0.3202, 22.8370



52.2876, -27.5594, 5.1234



52.2876, -5.2201, -30.6733



# Rectangle

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



52.2864, 27.6650, 0.4605



52.2876, 18.2421, 18.2064



52.2876, -27.5594, 5.1234



52.2876, -20.9518, -19.3110

# Sweetspot

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



52.2876, 27.6626, 0.4616



89.9150, 7.7278, 3.1747



50.6172, 26.3464, -29.5218



41.1080, 4.2432, 1.3707

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



52.2876, 27.6626, 0.4616



64.7773, 47.1610, 0.7882



53.6271, 19.2859, 13.7349



31.8435, 1.6111, 1.2607



28.0729, 49.2872, 8.7486



5.9496, 10.6621, 0.1757



# Inverse Universe

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



52.2876, 27.6626, 0.4616



64.7773, 47.1610, 0.7882



66.0126, -19.5043, -6.5711



31.8435, 1.6111, 1.2607



28.0729, 49.2872, 8.7486



5.9496, 10.6621, 0.1757



# Previews

## White Background



This preview shows how the HunterLab color 52.2864, 27.6650, 0.4605 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

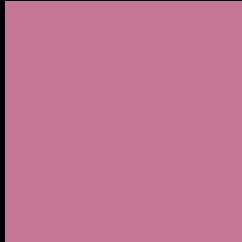
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 52.2864, 27.6650, 0.4605 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 52.2864, 27.6650, 0.4605 Background



This preview shows how black text looks on a background with the HunterLab color 52.2864, 27.6650, 0.4605.



This preview shows how white text looks on a background with the HunterLab color 52.2864, 27.6650,



# 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

52.2864, 27.6650, 0.4605

### Protanopia

52.5031, 0.2509, -6.7729

### Deuteranopia

52.5438, 3.6149, 1.7549




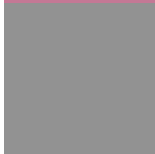

## Tritanopia

52.2505, 22.9915, 7.8282

# Trichromacy

	<b>Original Color</b> 52.2864, 27.6650, 0.4605
	<b>Protanomaly</b> 51.9542, 9.3820, -4.7370
	<b>Deuteranomaly</b> 52.2179, 12.2375, 1.0483
	<b>Tritanomaly</b> 52.3031, 24.6844, 5.4043

# Monochromacy

	<b>Original Color</b> 52.2864, 27.6650, 0.4605
	<b>Achromatopsia</b> 53.6135, -2.8607, 2.9129
	<b>Achromatomaly</b> 52.8114, 7.3629, 1.6810

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 52.2864, 27.6650, 0.4605 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(196, 120, 149)` looks like.

```
.text, #text, p{  
    color:rgb(196, 120, 149)  
}
```

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(196, 120, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 120, 149) }
```

## Border

The CSS property to change the border of an element to HunterLab 52.2864, 27.6650, 0.4605 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(196, 120, 149) }
```



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

```
.border{ border-color:rgb(196, 120, 149) }
```

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

Here you see how a box with a 4 pixel rgb(196, 120, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 120, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 120, 149);  
box-shadow:4px 4px 4px 4px rgb(196, 120,  
149) }
```

# Background

The CSS property to change the background color of an element to HunterLab 52.2864, 27.6650, 0.4605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 120, 149) }
```

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

```
.background{ background-color: rgb(196,  
120, 149) }
```

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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