

# Converting Colors

HunterLab(77.1364, -6.7615,  
3.0207)

Have a look what the booklet for  
HunterLab(77.1364, -6.7615, 3.0207)  
contains.

<b>HunterLab(77.0255, -6.4626, 2.8910)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(77.0255, -6.4626,  
2.8910)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C4CCCD
RGB	196, 204, 205
RGB Percent	77%, 80%, 80%
CMY	0.2314, 0.2000, 0.1961
CMYK	0.04, 0.00, 0.00, 0.20
HSL	187°, 8%, 79%
HSV	187°, 4%, 80%
XYZ	55.3772, 59.3293, 66.2906
YIQ	201.7220, -5.0890, -1.3850

# Conversions

## Conversions Part 2

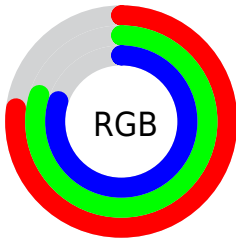
<b>Format</b>	<b>Color</b>
<b>RYB</b>	196, 200, 205
Decimal	12897485
CIELab	81.47, -2.53, -1.45
CIELCh	81, 2.921, 209.824
Yxy	59.3318, 0.3060, 0.3278
Android (android.graphics.Color)	4291087565 (0xFFC4CCCD)
YUV	201.7220, 1.6161, -5.0182
Hunter-Lab	77.0255, -6.4626, 2.8910

# Details

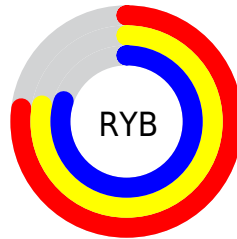
The HunterLab color  $77.0255, -6.4626, 2.8910$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $75.4298, -1.5948, 5.4009$ , and the grayscale version is  $76.7294, -4.0941, 4.1689$ .

A 20% lighter version of the original color is  $99.8111, -5.9933, 5.1992$ , and  $54.5874, -5.1207, 1.7464$  is the 20% darker color. If you saturate the color by 10%, you get  $74.6301, -11.3242, -0.0978$ , and if you desaturate by 10%, it is  $79.5980, -1.1024, 6.0061$ .

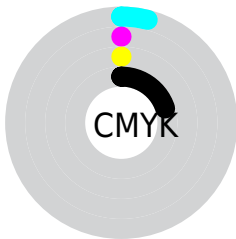
# Distribution



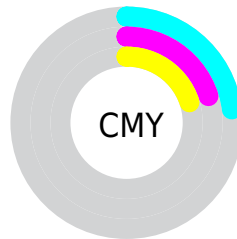
- Red (77%)
- Green (80%)
- Blue (80%)



- Red (77%)
- Yellow (78%)
- Blue (80%)



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)



- Cyan (23%)
- Magenta (20%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.0255, -6.4626, 2.8910 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 77.0255, -6.4626, 2.8910 by changing the saturation by 10% instead.



■ 77.0255, -6.4626,  
2.8910

■ 77.0255, -6.4626,  
2.8910

205.4581,  
-14.2425, 9.3874

■ 65.4830, -5.7223,  
2.3312

101.9116, -8.0259,  
4.1216

■ 54.5813, -5.0072,  
1.8089

115.1976, -8.8443,  
4.7862

■ 44.3623, -4.3195,  
1.3285

129.0156, -9.6868,  
5.4820

■ 34.8751, -3.6598,  
0.8937

143.3457,  
-10.5529, 6.2076

■ 26.1813, -3.0281,  
0.5092

158.1702,  
-11.4421, 6.9620

■ 18.3612, -2.4238,  
0.1819

173.4733,

■ 11.5262, -1.8442,

-12.3537, 7.7440

-0.0783

189.2404,  
-13.2874, 8.5528

■ 4.0391, -2.9493,  
-1.2709

0.0000, NaN, NaN

■ 77.0255, -6.4626,  
2.8910

■ 77.0255, -6.4626,  
2.8910

■ 74.6301, -11.3242,  
-0.0978

■ 79.5980, -1.1024,  
6.0061

■ 72.4137, -15.6316,  
-2.9434

■ 82.3351, 4.7106,  
9.2247

■ 70.3835, -19.3387,  
-5.6235

■ 84.9497, 9.9986,  
12.2086

■ 68.5431, -22.4042,  
-8.1175

■ 85.6150, 8.7844,  
12.9105

■ 66.8943, -24.7966,  
-10.4069

■ 86.2843, 7.5727,  
13.6120

■ 65.4354, -26.4993,  
-12.4771

■ 86.9578, 6.3636,  
14.3132

■ 64.1611, -27.5145,  
-14.3194

■ 87.6353, 5.1570,  
15.0140

■ 63.0611, -27.8698,  
-15.9345

■ 88.3167, 3.9530,  
15.7143

■ 62.1181, -27.6252,  
-17.3356

■ 89.0021, 2.7517,  
16.4142

# Harmonies

## Analogous

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



77.0271, -6.8205, 4.2007



77.0255, -6.4626, 2.8910



77.0271, -5.4792, 1.9177

# Triad

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



77.0271, -6.4643, 2.8922



77.0271, -1.7439, 2.8782



77.0271, -4.1057, 6.7406

# Complementary

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



77.0255, -6.4626, 2.8910



75.4298, -1.5948, 5.4009

# 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.



77.0271, -2.7394, 6.4005



77.0255, -6.4626, 2.8910



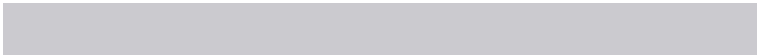
77.0271, -1.3698, 4.1848

# Square

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



77.0271, -6.4643, 2.8922



77.0271, -2.7540, 1.9095



77.0271, -1.7354, 5.4711



77.0271, -5.4649, 6.4082



# Rectangle

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



77.0255, -6.4626, 2.8910



77.0271, -4.5950, 1.5971



77.0271, -1.7354, 5.4711



77.0271, -3.6320, 6.7012

# Sweetspot

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



77.0271, -6.4643, 2.8922



99.6692, -6.0241, 5.0312



77.0882, -8.3290, 6.7737



46.1191, -2.7713, 2.3368

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

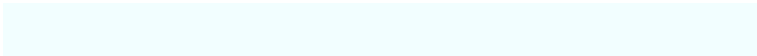


# Same Dimension

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



77.0271, -6.4643, 2.8922



98.3687, -8.7130, 3.4386



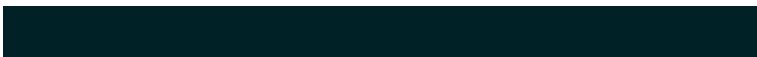
75.6756, -4.2411, 1.3043



35.7906, -3.3113, 1.1722



48.7182, -21.6682, -14.1181



11.3421, -5.2702, -2.7999



# Inverse Universe

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



75.3788, 0.2641, 1.5167



95.9388, 1.2136, 1.4046



76.7630, -3.8337, 6.8962



34.8060, 0.7138, 0.3458



31.9359, 61.3262, -30.7974

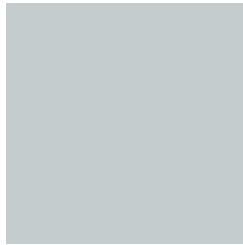


7.2967, 14.0797, -7.5633



# Previews

## White Background



This preview shows how the HunterLab color 77.0255, -6.4626, 2.8910 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

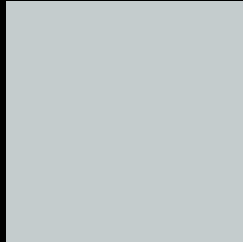
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 77.0255, -6.4626, 2.8910 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

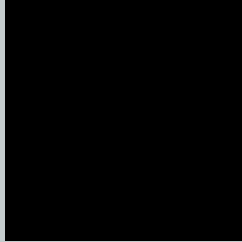
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

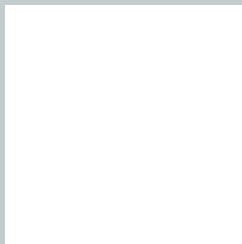
Any Text WCAG AAA ✓ Pass

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

## HunterLab 77.0255, -6.4626, 2.8910 Background



This preview shows how black text looks on a background with the HunterLab color 77.0255, -6.4626, 2.8910.



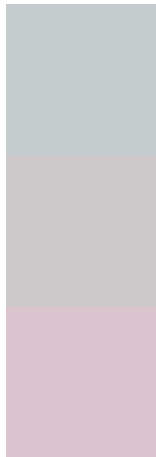
This preview shows how white text looks on a background with the HunterLab color 77.0255, -6.4626,

2.8910.

# 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

77.0255, -6.4626, 2.8910

### Protanopia

76.8533, -2.4692, 3.7254

### Deuteranopia

76.9419, 5.7486, 2.0233



## Tritanopia

77.0122, -2.5073, -3.6551

# Trichromacy



## Original Color

77.0255, -6.4626, 2.8910

## Protanomaly

76.9138, -3.7610, 3.2911

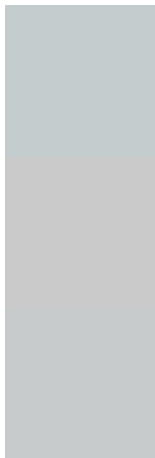
## Deuteranomaly

76.9103, 1.0116, 2.3948

## Tritanomaly

77.0625, -4.2382, -1.0214

# Monochromacy



## Original Color

77.0255, -6.4626, 2.8910

## Achromatopsia

76.8517, -4.1006, 4.1755

## Achromatomaly

77.0085, -5.0655, 3.8634

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 77.0255, -6.4626, 2.8910 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, 204, 205)` looks like.

```
.text, #text, p{  
    color:rgb(196, 204, 205)  
}
```

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, 204, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 204, 205) }
```

## Border

The CSS property to change the border of an element to HunterLab 77.0255, -6.4626, 2.8910 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, 204, 205) }
```



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

```
.border{ border-color:rgb(196, 204, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 204, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 204, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 204, 205);  
box-shadow:4px 4px 4px 4px rgb(196, 204,  
205) }
```

# Background

The CSS property to change the background color of an element to HunterLab 77.0255, -6.4626, 2.8910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 204, 205) }
```

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

```
.background{ background-color: rgb(196,  
204, 205) }
```

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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