

# Converting Colors

HunterLab(28.8836, 6.7980,  
-10.3026)

Have a look what the booklet for  
HunterLab(28.8836, 6.7980,  
-10.3026) contains.

<b>HunterLab(28.7823, 6.7518, -10.2351)</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(28.7823, 6.7518,  
-10.2351)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	584C6A
RGB	88, 76, 106
RGB Percent	35%, 30%, 42%
CMY	0.6549, 0.7020, 0.5843
CMYK	0.17, 0.28, 0.00, 0.58
HSL	264°, 16%, 36%
HSV	264°, 28%, 42%
XYZ	9.2105, 8.2842, 14.7493
YIQ	83.0080, -2.4780, 11.8740

# Conversions

## Conversions Part 2

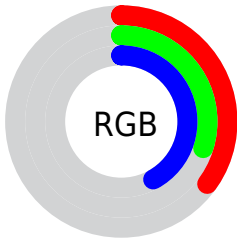
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	88, 76, 106
Decimal	5786730
CIE <sub>Lab</sub>	34.57, 11.69, -15.53
CIE <sub>LCh</sub>	35, 19.439, 306.982
Yxy	8.2845, 0.2857, 0.2569
Android (android.graphics.Color)	4283976810 (0xFF584C6A)
YUV	83.0080, 11.3351, 4.3780
Hunter-Lab	28.7823, 6.7518, -10.2351

# Details

The HunterLab color **28.7823, 6.7518, -10.2351** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **36.3453, -9.2127, 11.0799**, and the grayscale version is **29.3752, -1.5674, 1.5960**.

A 20% lighter version of the original color is **47.4393, 6.9125, -10.5139**, and **13.5685, 5.9968, -9.6145** is the 20% darker color. If you saturate the color by 10%, you get **25.7785, 10.0301, -15.3019**, and if you desaturate by 10%, it is **31.9243, 3.5734, -5.5904**.

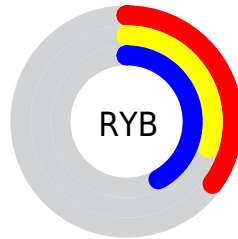
# Distribution



Red (35%)

Green (30%)

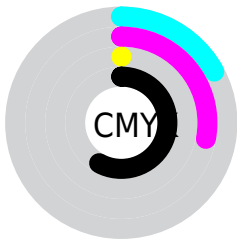
Blue (42%)



Red (35%)

Yellow (30%)

Blue (42%)

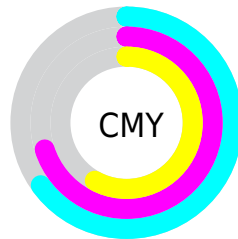


Cyan (17%)

Magenta (28%)

Yellow (0%)

Black (58%)



Cyan (65%)

Magenta (70%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.7823, 6.7518, -10.2351 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 28.7823, 6.7518, -10.2351 by changing the saturation by 10% instead.



■ 28.7823, 6.7518,  
-10.2351

■ 28.7823, 6.7518,  
-10.2351

■ 133.3968, 6.2333,  
-10.3746

■ 20.6823, 6.4161,  
-9.8868

■ 47.4494, 7.1116,  
-10.7058

■ 13.5278, 5.9465,  
-9.4802

■ 57.8844, 7.1666,  
-10.8338

■ 7.1118, 6.7850,  
-10.0656

■ 68.9889, 7.1515,  
-10.8963

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 80.7247, 7.0737,  
-10.8980

0.0000, NaN, NaN

■ 93.0595, 6.9386,  
-10.8432

0.0000, NaN, NaN

105.9655, 6.7511,

0.0000, NaN, NaN

-10.7355

0.0000, NaN, NaN

119.4184, 6.5149,  
-10.5784

■ 28.7823, 6.7518,  
-10.2351

■ 28.7823, 6.7518,  
-10.2351

■ 25.7785, 10.0301,  
-15.3019

■ 31.9243, 3.5734,  
-5.5904

■ 22.9378, 13.4141,  
-20.8772

■ 35.1825, 0.4834,  
-1.2915

■ 20.2962, 16.8840,  
-27.0314

■ 38.5421, -2.5341,  
2.7289

■ 17.9008, 20.3684,  
-33.7769

■ 41.9911, -5.4934,  
6.5252

■ 15.8114, 23.6972,  
-40.9741

■ 45.5200, -8.4073,  
10.1413

■ 14.0977, 26.5510,  
-48.1957

■ 49.1211, -11.2864,  
13.6119

■ 12.6639, 29.1106,  
-55.5272

■ 52.7880, -14.1395,  
16.9648

■ 12.4149, 29.6427,  
-56.9516

■ 56.5157, -16.9739,  
20.2224

■ 60.2998, -19.7953,  
23.4024

# Harmonies

## Analogous

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



28.7829, 0.0681, -13.7008



28.7823, 6.7518, -10.2351



28.7829, 11.5014, -3.7289

# Triad

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



28.7829, 6.7512, -10.2344



28.7829, 3.7515, 10.8188



28.7829, -13.3913, 0.0147

# Complementary

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



28.7823, 6.7518, -10.2351



36.3453, -9.2127, 11.0799

# 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.



28.7829, -12.6020, 6.0151



28.7823, 6.7518, -10.2351



28.7829, -3.1083, 11.3743

# Square

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



28.7829, 6.7512, -10.2344



28.7829, 9.6604, 8.0852



28.7829, -8.9826, 9.8315



28.7829, -11.2480, -6.9573



# Rectangle

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



28.7823, 6.7518, -10.2351



28.7829, 12.7059, 0.9047



28.7829, -8.9826, 9.8315



28.7829, -13.4567, 2.2134

# Sweetspot

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



28.7829, 6.7512, -10.2344



46.6434, 0.6084, -1.6675



32.6681, -4.5524, -4.6977



22.3238, 0.5267, -1.1236



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225



# Same Dimension

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



28.7829, 6.7512, -10.2344



35.4658, 11.8122, -17.9460



30.1063, 10.8878, -8.1118



17.5463, 0.3457, -0.7886



13.7616, 32.9511, -63.8505



30.2859, 73.5924, -148.8524



# Inverse Universe

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



30.0692, 10.0009, -2.1778



37.6444, 17.0594, -3.9801



35.3750, -12.8343, 10.1127



17.7325, 0.8663, 0.3114



20.6149, 37.4721, -3.4884



46.3459, 83.9062, -5.2250



# Previews

## White Background



This preview shows how the HunterLab color 28.7823, 6.7518, -10.2351 looks on a white 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



# Black Background



This preview shows how the HunterLab color 28.7823, 6.7518, -10.2351 looks on a black 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

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

# HunterLab 28.7823, 6.7518, -10.2351 Background



This preview shows how black text looks on a background with the HunterLab color 28.7823, 6.7518, -10.2351.



This preview shows how white text looks on a background with the HunterLab color 28.7823, 6.7518, -10.2351.

-10.2351.

# 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

28.7823, 6.7518, -10.2351

### Protanopia

28.7366, 1.7432, -12.1128

### Deuteranopia

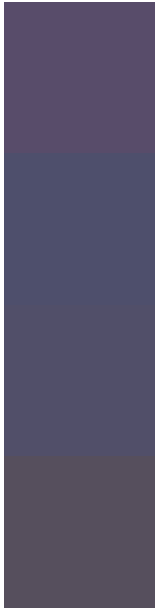
28.8704, 1.9008, -9.6232



## Tritanopia

28.8799, 0.7276, -0.2662

# Trichromacy



## Original Color

28.7823, 6.7518, -10.2351

## Protanomaly

28.8000, 3.1789, -11.4052

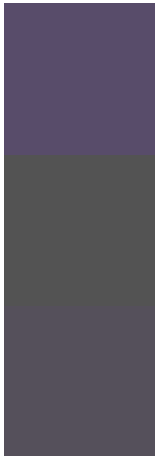
## Deuteranomaly

28.9158, 3.3449, -9.5270

## Tritanomaly

28.9149, 2.5480, -3.3730

# Monochromacy



## Original Color

28.7823, 6.7518, -10.2351

## Achromatopsia

29.4110, -1.5693, 1.5980

## Achromatomaly

29.0240, 1.5039, -2.3078

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 28.7823, 6.7518, -10.2351 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(88, 76, 106)` looks like.

```
.text, #text, p{  
    color:rgb(88, 76, 106)  
}
```

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(88, 76, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 76, 106) }
```

## Border

The CSS property to change the border of an element to HunterLab 28.7823, 6.7518, -10.2351 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(88, 76, 106) }
```



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

```
.border{ border-color:rgb(88, 76, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 76, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 76, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 76, 106);  
box-shadow:4px 4px 4px 4px rgb(88, 76,  
106) }
```

# Background

The CSS property to change the background color of an element to HunterLab 28.7823, 6.7518, -10.2351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 76, 106) }
```

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

```
.background{ background-color: rgb(88, 76,  
106) }
```

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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