

# Converting Colors

HunterLab(25.6899, 72.9364,  
-104.7372)

Have a look what the booklet for  
HunterLab(25.6899, 72.9364,  
-104.7372) contains.

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# Color

**HunterLab(28.2013, 62.5896,  
-92.5816)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7700C5
RGB	119, 0, 197
RGB Percent	47%, 0%, 77%
CMY	0.5333, 1.0000, 0.2275
CMYK	0.40, 1.00, 0.00, 0.23
HSL	276°, 100%, 39%
HSV	276°, 100%, 77%
XYZ	17.6858, 7.9531, 53.4262
YIQ	58.0390, 7.6870, 86.4950

# Conversions

## Conversions Part 2

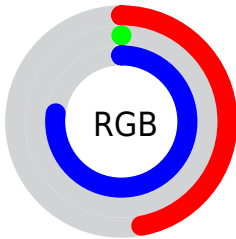
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 0, 197
Decimal	7798981
CIE <sub>Lab</sub>	33.89, 70.43, -71.74
CIE <sub>LCh</sub>	34, 100.532, 314.473
Yxy	7.9534, 0.2237, 0.1006
Android (android.graphics.Color)	4285989061 (0xFF7700C5)
YUV	58.0390, 68.5078, 53.4628
Hunter-Lab	28.2013, 62.5896, -92.5816

# Details

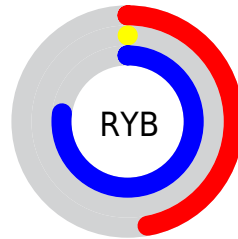
The HunterLab color **28.2013, 62.5896, -92.5816** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **64.4610, -48.8181, 38.8659**, and the grayscale version is **20.3544, -1.0861, 1.1059**.

A 20% lighter version of the original color is **46.7481, 67.0851, -90.0093**, and **16.8013, 40.3965, -79.2482** is the 20% darker color. If you saturate the color by 10%, you get **28.2018, 62.5902, -92.5799**, and if you desaturate by 10%, it is **30.0299, 60.6590, -84.7267**.

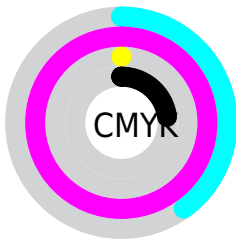
# Distribution



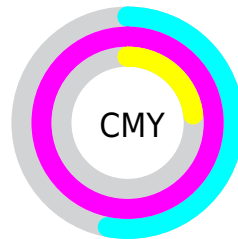
- Red (47%)
- Green (0%)
- Blue (77%)



- Red (47%)
- Yellow (0%)
- Blue (77%)



- Cyan (40%)
- Magenta (100%)
- Yellow (0%)
- Black (23%)



- Cyan (53%)
- Magenta (100%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.2013, 62.5896, -92.5816 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 28.2013, 62.5896, -92.5816 by changing the saturation by 10% instead.



28.2013, 62.5896,  
-92.5816

28.2013, 62.5896,  
-92.5816

132.4258, 81.2113,  
-94.0163

20.1622, 60.5370,  
-96.9057

46.7622, 67.1749,  
-89.8468

13.0770, 59.2137,  
-106.4200

57.1500, 69.4425,  
-89.7758

6.5587, 67.3033,  
-142.0439

68.2101, 71.6344,  
-90.1108

0.0000, INF, -NF

0.0000, NaN, -NF

79.9038, 73.7367,  
-90.6927

0.0000, NaN, -NF

92.1986, 75.7447,  
-91.4251

0.0000, NaN, NaN

105.0664, 77.6582,

0.0000, NaN, NaN

-92.2475

118.4826, 79.4794,  
-93.1201

28.2013, 62.5896,  
-92.5816

28.2013, 62.5896,  
-92.5816

28.2018, 62.5902,  
-92.5799

30.0299, 60.6590,  
-84.7267

32.5986, 56.5439,  
-74.9978

35.9943, 50.4333,  
-63.9487

40.1218, 43.1218,  
-52.5820

44.8662, 35.2436,  
-41.5421

■ 50.1207, 27.1953,  
-31.1270

■ 55.7965, 19.1852,  
-21.4134

■ 61.8232, 11.3048,  
-12.3660

■ 68.1460, 3.5819,  
-3.9048

# Harmonies

## Analogous

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



28.2018, 17.3021, -156.6292



28.2013, 62.5896, -92.5816



28.2018, 96.6566, -21.4596

# Triad

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



28.2018, 62.5902, -92.5799



28.2018, 18.8011, 19.7412



28.2018, -41.5092, -19.5345

# Complementary

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



28.2013, 62.5896, -92.5816



64.4610, -48.8181, 38.8659

# 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.



28.2018, -41.4131, 13.8353



28.2013, 62.5896, -92.5816



28.2018, -16.3951, 19.7412

# Square

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



28.2018, 62.5902, -92.5799



28.2018, 64.1362, 19.7412



28.2018, -34.8036, 19.7412



28.2018, -35.1949, -89.8088



# Rectangle

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



28.2013, 62.5896, -92.5816



28.2018, 101.4307, 6.0737



28.2018, -34.8036, 19.7412



28.2018, -42.0719, -3.9112

# Sweetspot

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



28.2018, 62.5902, -92.5799



74.3111, 26.1657, -29.2357



30.9748, 19.9010, -81.6763



32.8509, 14.2223, -16.0560

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



28.2018, 62.5902, -92.5799



37.5418, 83.5228, -124.8191



38.8029, 74.6624, -38.5789



32.5561, 1.4793, -1.6168



22.9801, 50.8922, -74.5911



5.3965, 11.5682, -14.5468



# Inverse Universe

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



35.2425, 61.9145, 10.6753



47.1156, 82.6794, 14.9994



63.2314, -53.9417, 37.4110



32.7190, 1.6882, 1.2382



28.6092, 50.3126, 8.2663



6.3385, 11.3608, 0.1735



# Previews

## White Background



This preview shows how the HunterLab color 28.2013, 62.5896, -92.5816 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

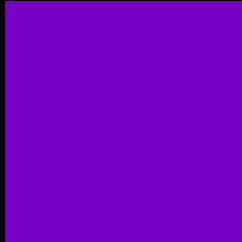
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the HunterLab color 28.2013, 62.5896, -92.5816 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

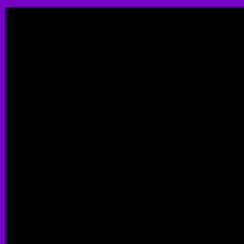
Any Text WCAG AA × Fail

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 28.2013, 62.5896, -92.5816 Background



This preview shows how black text looks on a background with the HunterLab color 28.2013, 62.5896, -92.5816.



This preview shows how white text looks on a background with the HunterLab color 28.2013, 62.5896, -92.5816.

-92.5816.

# 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

28.2013, 62.5896, -92.5816

### Protanopia

28.9517, 9.5774, -56.8619

### Deuteranopia

28.8510, -0.2002, -35.6291



## Tritanopia

28.9226, 4.5261, 1.1252

# Trichromacy



## Original Color

28.2013, 62.5896, -92.5816

## Protanomaly

24.5136, 31.1760, -86.2218

## Deuteranomaly

23.8833, 24.5734, -70.8719

## Tritanomaly

25.6806, 27.6621, -27.7165

# Monochromacy



## Original Color

28.2013, 62.5896, -92.5816

## Achromatopsia

20.5697, -1.0975, 1.1176

## Achromatomaly

20.3291, 23.5181, -29.2575

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 28.2013, 62.5896, -92.5816 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(119, 0, 197)` looks like.

```
.text, #text, p{  
    color:rgb(119, 0, 197)  
}
```

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(119, 0, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 0, 197) }
```

## Border

The CSS property to change the border of an element to HunterLab 28.2013, 62.5896, -92.5816 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(119, 0, 197) }
```



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

```
.border{ border-color:rgb(119, 0, 197) }
```

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

Here you see how a box with a 4 pixel rgb(119, 0, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 0, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 0, 197);  
box-shadow:4px 4px 4px 4px rgb(119, 0,  
197) }
```

# Background

The CSS property to change the background color of an element to HunterLab 28.2013, 62.5896, -92.5816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 0, 197) }
```

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

```
.background{ background-color: rgb(119, 0,  
197) }
```

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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