

# Converting Colors

HunterLab(28.2778, 49.5396,  
9.6444)

Have a look what the booklet for  
HunterLab(28.2778, 49.5396,  
9.6444) contains.

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# Color

**HunterLab(28.2792, 49.5456,  
9.6179)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A2003B
RGB	162, 0, 59
RGB Percent	64%, 0%, 23%
CMY	0.3647, 0.9999, 0.7686
CMYK	0.00, 1.00, 0.64, 0.36
HSL	338°, 100%, 32%
HSV	338°, 100%, 64%
XYZ	15.6897, 7.9971, 4.8543
YIQ	55.1640, 77.6130, 52.6930

# Conversions

## Conversions Part 2

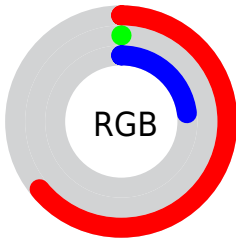
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	162, 0, 59
Decimal	10616891
CIE Lab	33.98, 58.86, 15.25
CIE LCh	34, 60.803, 14.526
Yxy	7.9976, 0.5497, 0.2802
Android (android.graphics.Color)	4288806971 (0xFFA2003B)
YUV	55.1640, 1.8911, 93.6952
Hunter-Lab	28.2792, 49.5456, 9.6179

# Details

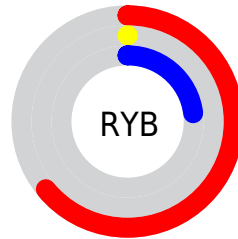
The HunterLab color **28.2792, 49.5456, 9.6179** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **51.7884, -37.6539, 16.5547**, and the grayscale version is **19.5814, -1.0448, 1.0639**.

A 20% lighter version of the original color is **46.9429, 53.5489, 12.6413**, and **17.1092, 29.5552, 9.0769** is the 20% darker color. If you saturate the color by 10%, you get **28.2789, 49.5444, 9.6219**, and if you desaturate by 10%, it is **29.1411, 48.0651, 7.2428**.

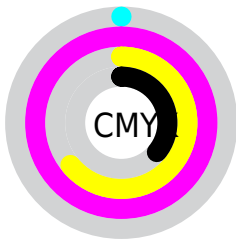
# Distribution



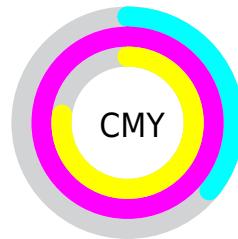
- Red (64%)
- Green (0%)
- Blue (23%)



- Red (64%)
- Yellow (0%)
- Blue (23%)



- Cyan (0%)
- Magenta (100%)
- Yellow (64%)
- Black (36%)



- Cyan (36%)
- Magenta (100%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.2792, 49.5456, 9.6179 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 28.2792, 49.5456, 9.6179 by changing the saturation by 10% instead.



■ 28.2792, 49.5456,  
9.6179

■ 28.2792, 49.5456,  
9.6179

■ 132.5569, 65.3679,  
22.4348

■ 20.2322, 47.4764,  
7.9943

■ 46.8549, 53.7062,  
12.6321

■ 13.1376, 45.7388,  
6.4043

■ 57.2491, 55.6712,  
14.0726

■ 6.6361, 50.7027,  
4.6453

■ 68.3152, 57.5346,  
15.4885

0.0000, INF, NaN

0.0000, NaN, NaN

■ 80.0146, 59.2945,  
16.8886

0.0000, NaN, NaN

■ 92.3148, 60.9534,  
18.2792


0.0000, NaN, NaN


■ 105.1877, 62.5154,


0.0000, NaN, NaN


19.6649


0.0000, NaN, NaN


 118.6090, 63.9853,  
21.0492


 28.2792, 49.5456,  
9.6179


 28.2792, 49.5456,  
9.6179


 28.2789, 49.5444,  
9.6219

 29.1411, 48.0651,  
7.2428

 30.5134, 45.2395,  
4.9964

 32.5319, 40.8697,  
3.1713

 35.1651, 35.3661,  
1.8715

 38.3493, 29.1764,  
1.1096

■ 42.0095, 22.6608,  
0.8393

■ 46.0740, 16.0589,  
0.9891

■ 50.4798, 9.5080,  
1.4854

■ 55.1747, 3.0748,  
2.2628

# Harmonies

## Analogous

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



28.2801, 49.2606, -10.8346



28.2792, 49.5456, 9.6179



28.2801, 33.6731, 17.4422

# Triad

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



28.2801, 49.5422, 9.6186



28.2801, -24.7329, 17.5557



28.2801, -11.5539, -66.7787

# Complementary

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



28.2792, 49.5456, 9.6179



51.7884, -37.6539, 16.5547

# 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.



28.2801, -25.0373, -41.1833



28.2792, 49.5456, 9.6179



28.2801, -30.9798, 10.0310

# Square

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



28.2801, 49.5422, 9.6186



28.2801, -10.9963, 19.7961



28.2801, -31.0718, -9.9712



28.2801, 9.4182, -67.2464



# Rectangle

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



28.2792, 49.5456, 9.6179



28.2801, 18.1702, 19.2551



28.2801, -31.0718, -9.9712



28.2801, -16.9487, -60.2966

# Sweetspot

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



28.2801, 49.5422, 9.6186



61.7449, 22.1586, 1.3070



23.3872, 51.1992, -71.3493



28.1966, 12.1946, 0.5573



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854



# Same Dimension

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



28.2801, 49.5422, 9.6186



38.0549, 66.5806, 13.6578



28.7068, 44.1530, 18.4605



26.6957, 1.2605, 1.1192



25.1156, 44.0317, 8.3178



3.7603, 6.8184, -0.5062



# Inverse Universe

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



28.2801, 49.5422, 9.6186



38.0549, 66.5806, 13.6578



46.3496, -19.6515, -15.5091



26.6957, 1.2605, 1.1192



25.1156, 44.0317, 8.3178



3.7603, 6.8184, -0.5062



# Previews

## White Background



This preview shows how the HunterLab color 28.2792, 49.5456, 9.6179 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 28.2792, 49.5456, 9.6179 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

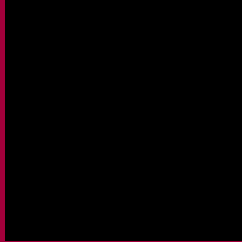
Any Text WCAG AA × Fail

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 28.2792, 49.5456, 9.6179 Background



This preview shows how black text looks on a background with the HunterLab color 28.2792, 49.5456, 9.6179.



This preview shows how white text looks on a background with the HunterLab color 28.2792, 49.5456, 9.6179.



# 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

28.2792, 49.5456, 9.6179

### Protanopia

29.4914, -1.1295, 0.4527

### Deuteranopia

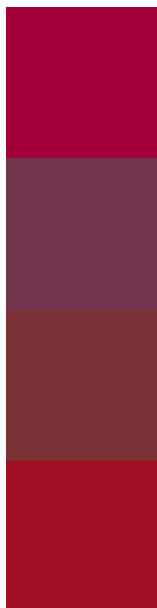
29.2391, 1.7689, 11.4601



## Tritanopia

28.7893, 43.6721, 16.9412

# Trichromacy



## Original Color

28.2792, 49.5456, 9.6179

## Protanomaly

25.5201, 20.1067, 0.1921

## Deuteranomaly

26.0154, 23.0766, 8.1971

## Tritanomaly

28.3550, 45.8902, 14.9507

# Monochromacy



## Original Color

28.2792, 49.5456, 9.6179

## Achromatopsia

19.5459, -1.0429, 1.0620

## Achromatomaly

19.6654, 19.4199, 1.1776

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 28.2792, 49.5456, 9.6179 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(162, 0, 59)` looks like.

```
.text, #text, p{  
    color:rgb(162, 0, 59)  
}
```

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(162, 0, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 0, 59) }
```

## Border

The CSS property to change the border of an element to HunterLab 28.2792, 49.5456, 9.6179 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(162, 0, 59) }
```



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

```
.border{ border-color:rgb(162, 0, 59) }
```

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

Here you see how a box with a 4 pixel rgb(162, 0, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 0, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 0, 59);  
box-shadow:4px 4px 4px 4px rgb(162, 0, 59)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 28.2792, 49.5456, 9.6179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 0, 59) }
```

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

```
.background{ background-color: rgb(162, 0,  
59) }
```

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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