

# Converting Colors

HunterLab(29.3794, 56.6413,  
-30.0699)

Have a look what the booklet for  
HunterLab(29.3794, 56.6413,  
-30.0699) contains.

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# Color

**HunterLab(29.3877, 56.6702,  
-30.1792)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	99008B
RGB	153, 0, 139
RGB Percent	60%, 0%, 55%
CMY	0.4000, 0.9999, 0.4549
CMYK	0.00, 1.00, 0.09, 0.40
HSL	305°, 100%, 30%
HSV	305°, 100%, 60%
XYZ	17.7970, 8.6364, 25.1551
YIQ	61.5930, 46.5690, 75.6650

# Conversions

## Conversions Part 2

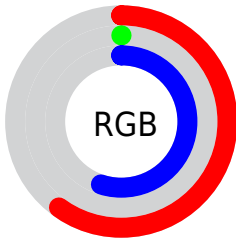
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 0, 139
Decimal	10027147
CIE <sub>Lab</sub>	35.28, 65.04, -34.32
CIE <sub>LCh</sub>	35, 73.534, 332.182
Yxy	8.6368, 0.3450, 0.1674
Android (android.graphics.Color)	4288217227 (0xFF99008B)
YUV	61.5930, 38.1617, 80.1639
Hunter-Lab	29.3877, 56.6702, -30.1792

# Details

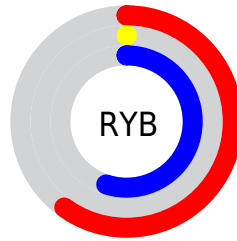
The HunterLab color **29.3877, 56.6702, -30.1792** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **47.7645, -40.7202, 28.2030**, and the grayscale version is **21.6711, -1.1563, 1.1774**.

A 20% lighter version of the original color is **48.1123, 61.2902, -31.4538**, and **18.0166, 34.7645, -18.6726** is the 20% darker color. If you saturate the color by 10%, you get **29.3878, 56.6702, -30.1781**, and if you desaturate by 10%, it is **30.0471, 54.7982, -29.7896**.

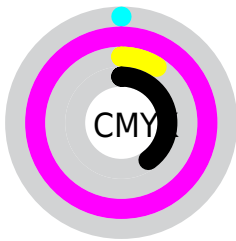
# Distribution



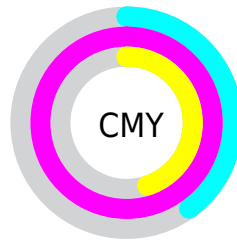
- Red (60%)
- Green (0%)
- Blue (55%)



- Red (60%)
- Yellow (0%)
- Blue (55%)



- Cyan (0%)
- Magenta (100%)
- Yellow (9%)
- Black (40%)



- Cyan (40%)
- Magenta (100%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.3877, 56.6702, -30.1792 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 29.3877, 56.6702, -30.1792 by changing the saturation by 10% instead.



29.3877, 56.6702,  
-30.1792

29.3877, 56.6702,  
-30.1792

134.4042, 73.9629,  
-34.7640

21.2251, 54.5522,  
-29.7603

48.1640, 61.0827,  
-31.3759

13.9996, 52.8790,  
-29.8013

58.6478, 63.2072,  
-31.9894

7.6421, 55.0165,  
-32.4389

69.7981, 65.2403,  
-32.5712

0.0000, INF, -NF

81.5772, 67.1755,  
-33.1097

0.0000, NaN, NaN

93.9532, 69.0125,  
-33.5996

0.0000, NaN, NaN

106.8986, 70.7535,

0.0000, NaN, NaN

-34.0387

120.3893, 72.4023,  
-34.4266

29.3877, 56.6702,  
-30.1792

29.3877, 56.6702,  
-30.1792

29.3878, 56.6702,  
-30.1781

30.0471, 54.7982,  
-29.7896

31.1117, 51.6072,  
-28.5455

32.7247, 46.8264,  
-26.2420

34.8784, 40.7934,  
-23.0574

37.5340, 33.9258,  
-19.2353

■ 40.6375, 26.6008,  
-15.0088

■ 44.1312, 19.0995,  
-10.5612

■ 47.9609, 11.6032,  
-6.0190

■ 52.0788, 4.2142,  
-1.4602

# Harmonies

## Analogous

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



29.3884, 29.9113, -73.2945



29.3877, 56.6702, -30.1792



29.3884, 66.5272, 3.3459

# Triad

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



29.3884, 56.6683, -30.1778



29.3884, -3.4408, 20.5719



29.3884, -32.9427, -36.4352

# Complementary

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



29.3877, 56.6702, -30.1792



47.7645, -40.7202, 28.2030

# 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.



29.3884, -36.5988, -0.2607



29.3877, 56.6702, -30.1792



29.3884, -23.6565, 20.5719

# Square

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



29.3884, 56.6683, -30.1778



29.3884, 25.4470, 20.5719



29.3884, -33.9036, 16.2264



29.3884, -21.3747, -78.6265



# Rectangle

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



29.3877, 56.6702, -30.1792



29.3884, 60.1694, 14.4482



29.3884, -33.9036, 16.2264



29.3884, -34.9135, -22.4750

# Sweetspot

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



29.3884, 56.6683, -30.1778



58.7624, 26.1669, -14.4974



15.4404, 41.3315, -105.4869



26.7451, 14.1162, -7.8981



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283



# Same Dimension

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



29.3884, 56.6683, -30.1778



39.3093, 75.7737, -40.1428



26.7210, 47.1323, 6.6074



25.1275, 1.7528, -0.5335



26.7214, 51.5360, -27.4984



3.3047, 6.4321, -3.8541



# Inverse Universe

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



29.3884, 56.6683, -30.1778



39.3093, 75.7737, -40.1428



48.4854, -36.2331, 17.6155



25.1275, 1.7528, -0.5335



26.7214, 51.5360, -27.4984



3.3047, 6.4321, -3.8541



# Previews

## White Background



This preview shows how the HunterLab color 29.3877, 56.6702, -30.1792 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 29.3877, 56.6702, -30.1792 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

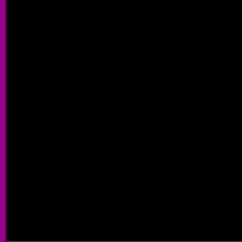
Any Text WCAG AA × Fail

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 29.3877, 56.6702, -30.1792 Background



This preview shows how black text looks on a background with the HunterLab color 29.3877, 56.6702, -30.1792.



This preview shows how white text looks on a background with the HunterLab color 29.3877, 56.6702, -30.1792.



# 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

29.3877, 56.6702, -30.1792

### Deuteranopia

30.6337, 1.9731, -22.6484

### Tritanopia

30.0959, 29.2220, 11.1705

# Trichromacy



## Original Color

29.3877, 56.6702, -30.1792

## Deuteranomaly

26.3446, 24.9938, -34.0885

## Tritanomaly

28.6113, 40.6052, -0.3441

# Monochromacy



## Original Color

29.3877, 56.6702, -30.1792

## Achromatopsia

21.9481, -1.1711, 1.1925

## Achromatomaly

21.4991, 22.9055, -13.0270

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 29.3877, 56.6702, -30.1792 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(153, 0, 139)` looks like.

```
.text, #text, p{  
    color:rgb(153, 0, 139)  
}
```

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(153, 0, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 0, 139) }
```

## Border

The CSS property to change the border of an element to HunterLab 29.3877, 56.6702, -30.1792 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(153, 0, 139) }
```

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

```
.border{ border-color:rgb(153, 0, 139) }
```

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

Here you see how a box with a 4 pixel rgb(153, 0, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 0, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 0, 139);  
box-shadow:4px 4px 4px 4px rgb(153, 0,  
139) }
```



# Background

The CSS property to change the background color of an element to HunterLab 29.3877, 56.6702, -30.1792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 0, 139) }
```

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

```
.background{ background-color: rgb(153, 0,  
139) }
```

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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