

# Converting Colors

HunterLab(19.2086, 30.2203,  
-48.5205)

Have a look what the booklet for  
HunterLab(19.2086, 30.2203,  
-48.5205) contains.

<b>HunterLab(19.2528, 30.3311, -48.3919)</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> .....	30

# Color

**HunterLab(19.2528, 30.3311,  
-48.3919)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	491B7E
RGB	73, 27, 126
RGB Percent	29%, 11%, 49%
CMY	0.7137, 0.8941, 0.5059
CMYK	0.42, 0.79, 0.00, 0.51
HSL	268°, 65%, 30%
HSV	268°, 79%, 49%
XYZ	6.9055, 3.7067, 20.0902
YIQ	52.0400, -4.3630, 40.5410

# Conversions

## Conversions Part 2

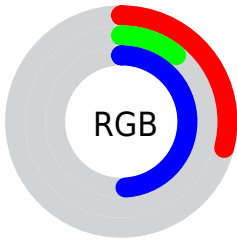
<b>Format</b>	<b>Color</b>
<b>RYB</b>	73, 27, 126
Decimal	4791166
CIELab	22.68, 41.92, -47.17
CIElCh	23, 63.112, 311.628
Yxy	3.7068, 0.2249, 0.1207
Android (android.graphics.Color)	4282981246 (0xFF491B7E)
YUV	52.0400, 36.4623, 18.3819
Hunter-Lab	19.2528, 30.3311, -48.3919

# Details

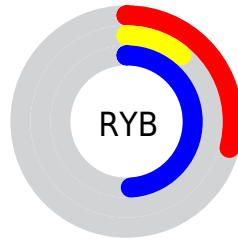
The HunterLab color **19.2528, 30.3311, -48.3919** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **40.8734, -23.6345, 23.2681**, and the grayscale version is **18.4270, -0.9832, 1.0012**.

A 20% lighter version of the original color is **36.0225, 33.9597, -48.2793**, and **8.1256, 20.3368, -44.5281** is the 20% darker color. If you saturate the color by 10%, you get **17.3163, 33.5306, -56.3274**, and if you desaturate by 10%, it is **21.6603, 26.3597, -40.2220**.

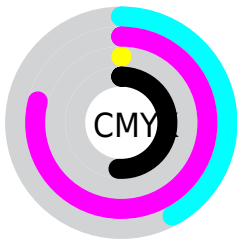
# Distribution



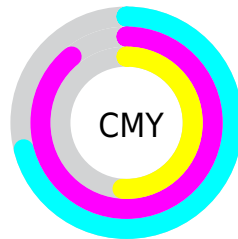
- Red (29%)
- Green (11%)
- Blue (49%)



- Red (29%)
- Yellow (11%)
- Blue (49%)



- Cyan (42%)
- Magenta (79%)
- Yellow (0%)
- Black (51%)



- Cyan (71%)
- Magenta (89%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.2528, 30.3311, -48.3919 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 19.2528, 30.3311, -48.3919 by changing the saturation by 10% instead.



■ 19.2528, 30.3311,  
-48.3919

■ 19.2528, 30.3311,  
-48.3919

■ 116.8334, 42.1918,  
-52.7096

■ 12.2921, 28.5738,  
-50.6080

■ 35.9766, 33.7409,  
-48.0368

■ 5.4444, 36.2222,  
-70.3188

■ 45.5549, 35.2749,  
-48.5336

0.0000, INF, -NF

0.0000, NaN, -NF

■ 55.8584, 36.6880,  
-49.1817

0.0000, NaN, -NF

■ 66.8395, 37.9866,  
-49.8944

0.0000, NaN, NaN

■ 78.4585, 39.1786,  
-50.6250

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 90.6823, 40.2721,

-51.3470

0.0000, NaN, NaN

103.4822, 41.2743,  
-52.0449

19.2528, 30.3311,  
-48.3919

19.2528, 30.3311,  
-48.3919

17.3163, 33.5306,  
-56.3274

21.6603, 26.3597,  
-40.2220

15.7828, 35.9362,  
-63.7966

24.4585, 22.0494,  
-32.3916

15.5641, 36.3322,  
-64.9663

27.5748, 17.6625,  
-25.1407

30.9495, 13.3268,  
-18.5093

34.5367, 9.0914,  
-12.4456

■ 38.3012, 4.9658,  
-6.8675

■ 42.2166, 0.9418,  
-1.6915

■ 46.2624, -2.9950,  
3.1569

■ 50.4226, -6.8604,  
7.7400

# Harmonies

## Analogous

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



19.2531, 7.0336, -75.4600



19.2528, 30.3311, -48.3919



19.2531, 48.3412, -13.7229

# Triad

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



19.2531, 30.3315, -48.3910



19.2531, 12.1151, 13.4772



19.2531, -25.5562, -7.5076

# Complementary

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



19.2528, 30.3311, -48.3919



40.8734, -23.6345, 23.2681

# 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.



19.2531, -25.1008, 9.1829



19.2528, 30.3311, -48.3919



19.2531, -7.9493, 13.4772

# Square

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



19.2531, 30.3315, -48.3910



19.2531, 35.2877, 13.4772



19.2531, -19.9938, 13.4772



19.2531, -21.6512, -40.2209



# Rectangle

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



19.2528, 30.3311, -48.3919



19.2531, 51.8563, 2.0236



19.2531, -19.9938, 13.4772



19.2531, -25.8481, 0.0185

# Sweetspot

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



19.2531, 30.3315, -48.3910



47.7977, 9.8495, -13.4731



27.7334, -2.2312, -25.1486



22.1032, 5.4701, -7.4837



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703



# Same Dimension

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



19.2531, 30.3315, -48.3910



21.4866, 46.5939, -81.8175



25.2168, 41.1688, -30.1510



20.7412, 0.5708, -0.9683



15.7565, 36.7911, -65.8449

0.0000, NaN, NaN



# Inverse Universe

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



24.0805, 35.2775, -3.2297



29.6504, 51.5358, -1.0358



39.1244, -30.8152, 21.9974



20.9278, 1.0457, 0.4910



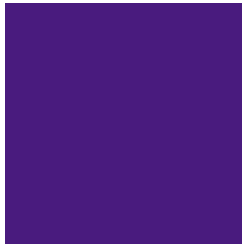
22.2957, 40.0679, -0.2118

0.0000, NaN, NaN



# Previews

## White Background



This preview shows how the HunterLab color 19.2528, 30.3311, -48.3919 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 19.2528, 30.3311, -48.3919 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

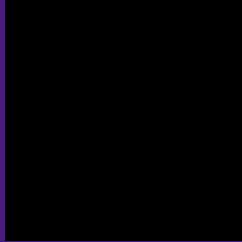
Any Text WCAG AA × Fail

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 19.2528, 30.3311, -48.3919 Background



This preview shows how black text looks on a background with the HunterLab color 19.2528, 30.3311, -48.3919.



This preview shows how white text looks on a background with the HunterLab color 19.2528, 30.3311, -48.3919.

-48.3919.

# 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

19.2528, 30.3311, -48.3919

### Deuteranopia

19.4662, -0.8640, -22.4658

### Tritanopia

19.6045, 0.5446, -0.0165

# Trichromacy



## Original Color

19.2528, 30.3311, -48.3919

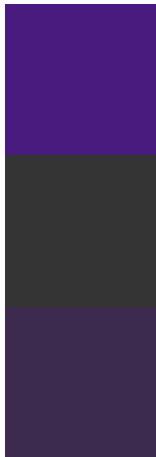
## Deuteranomaly

18.0823, 9.1821, -35.2158

## Tritanomaly

18.6619, 10.4979, -14.3167

# Monochromacy



## Original Color

19.2528, 30.3311, -48.3919

## Achromatopsia

18.5310, -0.9888, 1.0068

## Achromatomaly

18.0359, 9.3971, -13.0388

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 19.2528, 30.3311, -48.3919 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(73, 27, 126)` looks like.

```
.text, #text, p{  
    color:rgb(73, 27, 126)  
}
```

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(73, 27, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 27, 126) }
```

## Border

The CSS property to change the border of an element to HunterLab 19.2528, 30.3311, -48.3919 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(73, 27, 126) }
```

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

```
.border{ border-color:rgb(73, 27, 126) }
```

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

Here you see how a box with a 4 pixel rgb(73, 27, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 27, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 27, 126);  
box-shadow:4px 4px 4px 4px rgb(73, 27,  
126) }
```



# Background

The CSS property to change the background color of an element to HunterLab 19.2528, 30.3311, -48.3919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 27, 126) }
```

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

```
.background{ background-color: rgb(73, 27,  
126) }
```

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](#).

# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor