

# Converting Colors

HunterLab(16.7583, 21.9723,  
-17.2499)

Have a look what the booklet for  
HunterLab(16.7583, 21.9723,  
-17.2499) contains.

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# Color

**HunterLab(16.7301, 22.2567,  
-17.5911)**

# Conversions

Conversions Part 1	
Format	Color
Hex	4C1852
RGB	76, 24, 82
RGB Percent	30%, 9%, 32%
CMY	0.7020, 0.9059, 0.6784
CMYK	0.07, 0.71, 0.00, 0.68
HSL	294°, 55%, 21%
HSV	294°, 71%, 32%
XYZ	4.8301, 2.7990, 8.2683
YIQ	46.1600, 12.3740, 29.0620

# Conversions

## Conversions Part 2

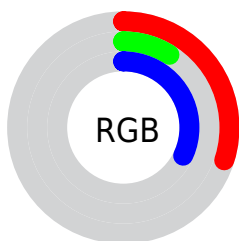
Format	Color
<a href="#">RYB</a>	<a href="#">76, 24, 82</a>
Decimal	<a href="#">4986962</a>
CIELab	<a href="#">19.22, 33.39, -23.97</a>
CIELCh	<a href="#">19, 41.101, 324.328</a>
Yxy	<a href="#">2.7991, 0.3038, 0.1761</a>
Android (android.graphics.Color)	<a href="#">4283177042</a> (0xFF4C1852)
YUV	<a href="#">46.1600, 17.6691, 26.1697</a>
Hunter-Lab	<a href="#">16.7301, 22.2567, -17.5911</a>

# Details

The HunterLab color **16.7301, 22.2567, -17.5911** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **25.2520, -17.9116, 13.2173**, and the grayscale version is **16.5229, -0.8816, 0.8977**.

A 20% lighter version of the original color is **32.8827, 25.1548, -18.6583**, and **6.7595, 13.5518, -10.9499** is the 20% darker color. If you saturate the color by 10%, you get **15.7352, 24.8610, -19.9475**, and if you desaturate by 10%, it is **17.9573, 19.2039, -14.9551**.

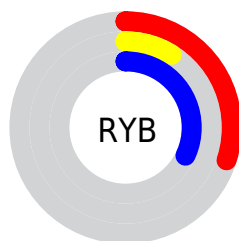
# Distribution



Red (30%)

Green (9%)

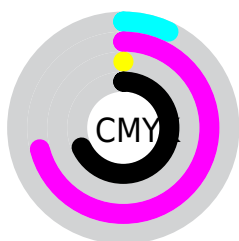
Blue (32%)



Red (30%)

Yellow (9%)

Blue (32%)

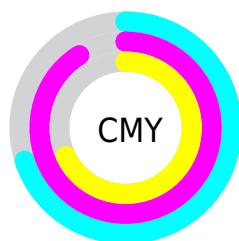


Cyan (7%)

Magenta (71%)

Yellow (0%)

Black (68%)



Cyan (70%)

Magenta (91%)











Yellow (68%)

# Brightness & Saturation Gradients


These gradients show how the HunterLab color 16.7301, 22.2567, -17.5911 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 16.7301, 22.2567, -17.5911 by changing the saturation by 10% instead.





 16.7301, 22.2567, -17.5911	 16.7301, 22.2567, -17.5911
 112.1571, 31.5530, -20.7857	 10.1379, 20.6730, -17.3317
 32.8446, 25.1400, -18.5956	0.0000, INF, -NF
 42.1590, 26.3809, -19.0816	0.0000, NaN, -NF
 52.2178, 27.4964, -19.5146	0.0000, NaN, NaN
 62.9694, 28.4976, -19.8876	0.0000, NaN, NaN
 74.3720, 29.3952, -20.1996	0.0000, NaN, NaN
 86.3901, 30.1985,	0.0000, NaN, NaN


-20.4517


 98.9938, 30.9155,  
-20.6463


 16.7301, 22.2567,  
-17.5911


 16.7301, 22.2567,  
-17.5911


 15.7352, 24.8610,  
-19.9475


 17.9573, 19.2039,  
-14.9551


 14.9739, 26.8791,  
-21.9104

 19.3932, 15.8802,  
-12.1770

 14.3038, 28.7545,  
-23.7713

 21.0132, 12.4239,  
-9.3579

 22.7928, 8.9309,  
-6.5638

 24.7105, 5.4597,  
-3.8315

■ 26.7474, 2.0419,  
-1.1776

■ 28.8879, -1.3084,  
1.3939

■ 31.1190, -4.5880,  
3.8859

■ 33.4300, -7.7997,  
6.3051

# Harmonies

## Analogous

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



16.7305, 9.7024, -33.9315



16.7301, 22.2567, -17.5911



16.7305, 28.7837, -1.4052

# Triad

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



16.7305, 22.2561, -17.5904



16.7305, 1.4466, 11.7113



16.7305, -17.1446, -10.8771

# Complementary

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



16.7301, 22.2567, -17.5911



25.2520, -17.9116, 13.2173

# 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.



16.7305, -18.2095, 2.9366



16.7301, 22.2567, -17.5911



16.7305, -9.3711, 11.7113

# Square

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



16.7305, 22.2561, -17.5904



16.7305, 14.7849, 11.7113



16.7305, -15.8050, 9.4392



16.7305, -12.3269, -28.4967



# Rectangle

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



16.7301, 22.2567, -17.5911



16.7305, 27.8156, 5.4796



16.7305, -15.8050, 9.4392



16.7305, -17.8838, -5.4763

# Sweetspot

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



16.7305, 22.2561, -17.5904



32.3864, 7.6770, -5.4247



13.3092, 8.6786, -27.2084



15.8907, 4.1412, -2.9516



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353



# Same Dimension

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



16.7305, 22.2561, -17.5904



20.0380, 34.8460, -28.2820



16.6463, 20.3652, -4.4980



13.8680, 0.6949, -0.3333



18.3750, 36.9679, -30.7632



43.8698, 88.4151, -74.6488



# Inverse Universe

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



15.9404, 17.3525, 5.5571



18.9124, 27.7082, 9.1694



25.3534, -16.9681, 9.2241



13.8114, 0.3282, 0.9524



17.3200, 29.7980, 10.1295

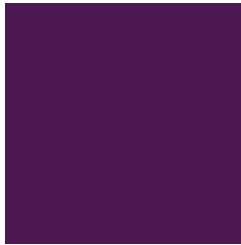


41.5092, 71.2447, 25.5904



# Previews

## White Background



This preview shows how the HunterLab color 16.7301, 22.2567, -17.5911 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

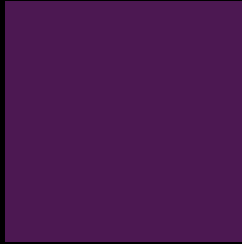
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the HunterLab color 16.7301, 22.2567, -17.5911 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 16.7301, 22.2567, -17.5911 Background



This preview shows how black text looks on a background with the HunterLab color 16.7301, 22.2567, -17.5911.



This preview shows how white text looks on a background with the HunterLab color 16.7301, 22.2567, -17.5911.



# 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

16.7301, 22.2567, -17.5911

### Protanopia

16.8399, 4.2545, -30.2326

### Deuteranopia

17.1464, 0.8868, -14.3424



## Tritanopia

16.9880, 9.0633, 3.3049

# Trichromacy



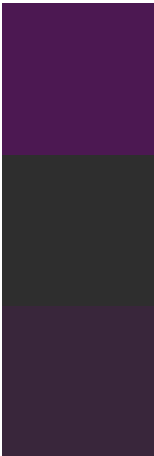
**Original Color**  
16.7301, 22.2567, -17.5911

**Protanomaly**  
15.5107, 8.5751, -28.9962

**Deuteranomaly**  
16.1861, 8.1670, -16.9791

**Tritanomaly**  
16.7024, 13.5760, -2.7515

# Monochromacy



**Original Color**  
16.7301, 22.2567, -17.5911

**Achromatopsia**  
16.5290, -0.8819, 0.8981

**Achromatomaly**  
16.0370, 7.2176, -5.2890

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 16.7301, 22.2567, -17.5911 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(76, 24, 82)` looks like.

```
.text, #text, p{  
    color:rgb(76, 24, 82)  
}
```

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(76, 24, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 24, 82) }
```

## Border

The CSS property to change the border of an element to HunterLab 16.7301, 22.2567, -17.5911 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(76, 24, 82) }
```



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

```
.border{ border-color:rgb(76, 24, 82) }
```

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

Here you see how a box with a 4 pixel rgb(76, 24, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 24, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 24, 82);  
box-shadow:4px 4px 4px 4px rgb(76, 24, 82)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 16.7301, 22.2567, -17.5911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 24, 82) }
```

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

```
.background{ background-color: rgb(76, 24,  
82) }
```

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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