

# Converting Colors

HunterLab(17.2518, 21.8487,  
-11.1518)

Have a look what the booklet for  
HunterLab(17.2518, 21.8487,  
-11.1518) contains.

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# Color

**HunterLab(17.2728, 22.0977,  
-11.2077)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	52194A
RGB	82, 25, 74
RGB Percent	32%, 10%, 29%
CMY	0.6784, 0.9020, 0.7098
CMYK	0.00, 0.70, 0.10, 0.68
HSL	308°, 53%, 21%
HSV	308°, 70%, 32%
XYZ	5.0633, 2.9835, 6.7875
YIQ	47.6290, 18.2430, 27.3230

# Conversions

## Conversions Part 2

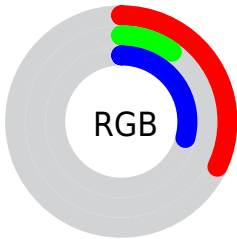
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	82, 25, 74
Decimal	5380426
CIE Lab	19.98, 33.06, -17.27
CIE LCh	20, 37.297, 332.416
Yxy	2.9836, 0.3413, 0.2011
Android (android.graphics.Color)	4283570506 (0xFF52194A)
YUV	47.6290, 13.0009, 30.1434
Hunter-Lab	17.2728, 22.0977, -11.2077

# Details

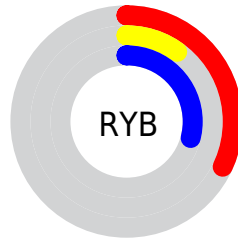
The HunterLab color **17.2728, 22.0977, -11.2077** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **25.2015, -17.9466, 11.8293**, and the grayscale version is **17.0232, -0.9083, 0.9249**.

A 20% lighter version of the original color is **33.4390, 24.9187, -12.1843**, and **7.2819, 13.8290, -5.8256** is the 20% darker color. If you saturate the color by 10%, you get **16.3331, 24.6914, -12.2897**, and if you desaturate by 10%, it is **18.4470, 19.0448, -9.7816**.

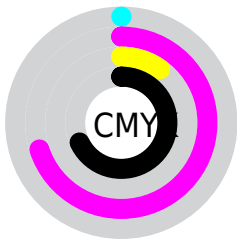
# Distribution



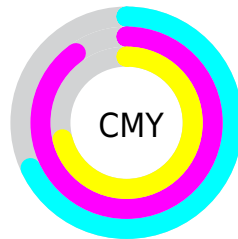
- Red (32%)
- Green (10%)
- Blue (29%)



- Red (32%)
- Yellow (10%)
- Blue (29%)



- Cyan (0%)
- Magenta (70%)
- Yellow (10%)
- Black (68%)



- Cyan (68%)
- Magenta (90%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.2728, 22.0977, -11.2077 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 17.2728, 22.0977, -11.2077 by changing the saturation by 10% instead.



■ 17.2728, 22.0977, -11.2077	■ 17.2728, 22.0977, -11.2077
■ 113.1765, 31.2015, -12.6899	■ 10.5981, 20.5225, -10.7810
■ 33.5229, 24.9347, -11.9955	0.0000, INF, -NF
■ 42.8957, 26.1517, -12.2892	0.0000, NaN, NaN
■ 53.0087, 27.2442, -12.5119	0.0000, NaN, NaN
■ 63.8111, 28.2236, -12.6668	0.0000, NaN, NaN
■ 75.2614, 29.1004, -12.7581	0.0000, NaN, NaN
■ 87.3249, 29.8839,	0.0000, NaN, NaN

-12.7899

99.9719, 30.5820,  
-12.7661

17.2728, 22.0977,  
-11.2077

17.2728, 22.0977,  
-11.2077

16.3331, 24.6914,  
-12.2897

18.4470, 19.0448,  
-9.7816

15.6350, 26.6731,  
-12.9526

19.8337, 15.7053,  
-8.1083

15.0058, 28.5411,  
-13.5076

21.4091, 12.2178,  
-6.2713

14.9742, 28.6383,  
-13.5370

23.1492, 8.6819,  
-4.3361

25.0323, 5.1605,  
-2.3484

■ 27.0392, 1.6891,  
-0.3379

■ 29.1538, -1.7154,  
1.6771

■ 31.3625, -5.0478,  
3.6865

■ 33.6541, -8.3096,  
5.6852

# Harmonies

## Analogous

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



17.2732, 11.9361, -26.1157



17.2728, 22.0977, -11.2077



17.2732, 25.6854, 1.7668

# Triad

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



17.2732, 22.0968, -11.2071



17.2732, -1.8049, 12.0912



17.2732, -15.3933, -13.6906

# Complementary

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



17.2728, 22.0977, -11.2077



25.2015, -17.9466, 11.8293

# 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.



17.2732, -17.3783, 0.0707



17.2728, 22.0977, -11.2077



17.2732, -10.8586, 11.3809

# Square

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



17.2732, 22.0968, -11.2071



17.2732, 9.9989, 11.7582



17.2732, -15.9523, 7.9015



17.2732, -9.6634, -28.0754



# Rectangle

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



17.2728, 22.0977, -11.2077



17.2732, 23.2916, 6.9861



17.2732, -15.9523, 7.9015



17.2732, -16.4453, -8.6227

# Sweetspot

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



17.2732, 22.0968, -11.2071



32.5053, 7.8543, -3.6938



12.7334, 12.5553, -29.1035



15.9544, 4.2347, -2.0243



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.



17.2732, 22.0968, -11.2071



20.9541, 34.4061, -16.8659



16.3881, 18.3590, 1.1050



13.8847, 0.7228, -0.0908



19.2669, 36.8154, -17.1640



46.1628, 88.0357, -39.7869



# Inverse Universe

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



17.2732, 22.0968, -11.2071



20.9541, 34.4061, -16.8659



25.6502, -15.2195, 5.3012



13.8847, 0.7228, -0.0908



19.2669, 36.8154, -17.1640

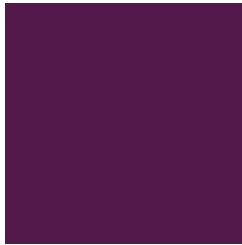


46.1628, 88.0357, -39.7869



# Previews

## White Background



This preview shows how the HunterLab color 17.2728, 22.0977, -11.2077 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



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

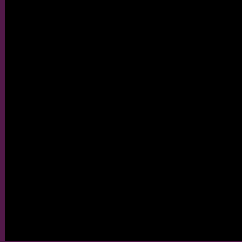
Any Text WCAG AA × Fail

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 17.2728, 22.0977, -11.2077 Background



This preview shows how black text looks on a background with the HunterLab color 17.2728, 22.0977, -11.2077.



This preview shows how white text looks on a background with the HunterLab color 17.2728, 22.0977, -11.2077.



# 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

17.2728, 22.0977, -11.2077

### Protanopia

17.6529, 4.0333, -24.6188

### Deuteranopia

17.6948, 0.8976, -8.4960



## Tritanopia

17.4010, 12.0061, 4.3925

# Trichromacy



## Original Color

17.2728, 22.0977, -11.2077

## Protanomaly

16.6241, 9.1470, -21.7549

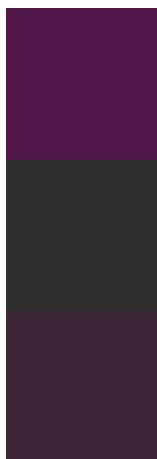
## Deuteranomaly

16.8593, 8.4365, -10.4278

## Tritanomaly

17.1558, 15.3498, -0.3877

# Monochromacy



## Original Color

17.2728, 22.0977, -11.2077

## Achromatopsia

17.1921, -0.9173, 0.9341

## Achromatomaly

16.6543, 6.8758, -3.3979

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 17.2728, 22.0977, -11.2077 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(82, 25, 74)` looks like.

```
.text, #text, p{  
    color:rgb(82, 25, 74)  
}
```

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(82, 25, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 25, 74) }
```

## Border

The CSS property to change the border of an element to HunterLab 17.2728, 22.0977, -11.2077 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(82, 25, 74) }
```



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

```
.border{ border-color:rgb(82, 25, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 25, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 25, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 25, 74);  
box-shadow:4px 4px 4px 4px rgb(82, 25, 74)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 17.2728, 22.0977, -11.2077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 25, 74) }
```

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

```
.background{ background-color: rgb(82, 25,  
74) }
```

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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