

# Converting Colors

HunterLab(29.8044, -13.7578,  
8.7695)

Have a look what the booklet for  
HunterLab(29.8044, -13.7578,  
8.7695) contains.

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# Color

**HunterLab(29.8044,  
-13.7578, 8.7695)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	395C3F
RGB	57, 92, 63
RGB Percent	22%, 36%, 25%
CMY	0.7765, 0.6392, 0.7529
CMYK	0.38, 0.00, 0.32, 0.64
HSL	130°, 23%, 29%
HSV	130°, 38%, 36%
XYZ	6.4117, 8.8830, 6.0793
YIQ	78.2290, -11.5510, -16.4390

# Conversions

## Conversions Part 2

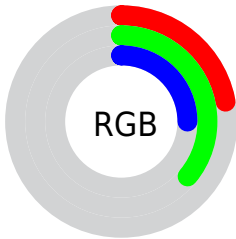
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 87, 92
Decimal	3759167
CIELab	35.76, -19.56, 12.80
CIELCh	36, 23.372, 146.801
Yxy	8.8834, 0.3000, 0.4156
Android (android.graphics.Color)	4281949247 (0xFF395C3F)
YUV	78.2290, -7.5079, -18.6178
Hunter-Lab	29.8044, -13.7578, 8.7695

# Details

The HunterLab color  $[29.8044, -13.7578, 8.7695]$  is a dark color, and the websafe version is hex  $336633$ . A complement of this color would be  $[24.2356, 13.2448, -6.3734]$ , and the grayscale version is  $[27.7138, -1.4787, 1.5057]$ .

A 20% lighter version of the original color is  $[48.5365, -16.9534, 11.2402]$ , and  $[14.4071, -9.8334, 5.9818]$  is the 20% darker color. If you saturate the color by 10%, you get  $[29.2534, -16.1962, 10.3200]$ , and if you desaturate by 10%, it is  $[30.4466, -10.9943, 7.0829]$ .

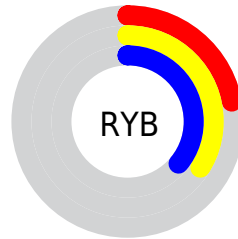
# Distribution



 Red (22%)

 Green (36%)

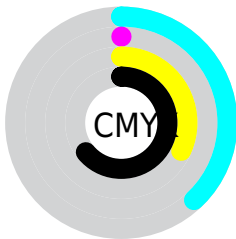
 Blue (25%)




 Red (22%)

 Yellow (34%)

 Blue (36%)

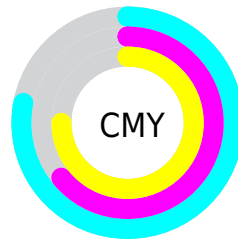


 Cyan (38%)


 Magenta (0%)

 Yellow (32%)

 Black (64%)



 Cyan (78%)

 Magenta (64%)

 Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.8044, -13.7578, 8.7695 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 29.8044, -13.7578, 8.7695 by changing the saturation by 10% instead.



■ 29.8044, -13.7578,  
8.7695

■ 29.8044, -13.7578,  
8.7695

135.0946,  
-28.5262, 20.3480

■ 21.5991, -11.8474,  
7.3676

■ 48.6548, -17.2874,  
11.4217

■ 14.3255, -9.7645,  
5.8665

■ 59.1718, -18.9634,  
12.7087

■ 7.9846, -11.0993,  
5.5892

■ 70.3533, -20.6025,  
13.9836

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 82.1620, -22.2151,  
15.2529

0.0000, NaN, NaN

■ 94.5661, -23.8088,  
16.5211

0.0000, NaN, NaN

■ 107.5384,

0.0000, NaN, NaN

-25.3892, 17.7915

0.0000, NaN, NaN

121.0549,  
-26.9605, 19.0665

■ 29.8044, -13.7578,  
8.7695

■ 29.8044, -13.7578,  
8.7695

■ 29.2534, -16.1962,  
10.3200

■ 30.4466, -10.9943,  
7.0829

■ 28.7916, -18.2869,  
11.7172

■ 31.1774, -7.9311,  
5.2772

■ 28.4180, -20.0171,  
12.9476

■ 31.9955, -4.5992,  
3.3712

■ 28.1292, -21.3838,  
14.0014

■ 32.8982, -1.0306,  
1.3830

■ 27.9204, -22.3957,  
14.8729

■ 33.8824, 2.7427,  
-0.6703

■ 27.7625, -23.1677,  
15.5457

■ 34.9444, 6.6899,  
-2.7731

■ 27.7333, -23.3084,  
15.6520

■ 36.0805, 10.7829,  
-4.9118

■ 37.2868, 14.9961,  
-7.0748

■ 38.5592, 19.3071,  
-9.2521

# Harmonies

## Analogous

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



29.8050, -8.4243, 12.2075



29.8044, -13.7578, 8.7695



29.8050, -15.8574, 2.4538

# Triad

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



29.8050, -13.7583, 8.7698



29.8050, -2.4737, -17.7628



29.8050, 13.9608, 7.6655

# Complementary

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



29.8044, -13.7578, 8.7695



24.2356, 13.2448, -6.3734

# 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.



29.8050, 15.9929, 0.7663



29.8044, -13.7578, 8.7695



29.8050, 5.9174, -15.2716

# Square

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



29.8050, -13.7583, 8.7698



29.8050, -9.8041, -14.0024



29.8050, 12.9059, -7.8992



29.8050, 7.6185, 11.7027



# Rectangle

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



29.8044, -13.7578, 8.7695



29.8050, -15.3309, -3.0864



29.8050, 12.9059, -7.8992



29.8050, 15.1986, 5.6696

# Sweetspot

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



29.8050, -13.7583, 8.7698



41.9578, -7.5778, 5.3063



31.5222, -7.4890, 12.0118



20.9630, -3.9815, 2.7637



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774



# Same Dimension

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



29.8050, -13.7583, 8.7698



38.7400, -21.2502, 13.5380



30.1805, -11.5626, 3.3575



16.0993, -2.4551, 1.7767



33.3509, -28.1024, 18.9794



77.9827, -66.1482, 45.3234



# Inverse Universe

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



24.2356, 13.2448, -6.3734



29.7746, 22.4451, -10.8624



23.7219, 10.7147, 0.8676



15.4151, 0.8347, -0.0794



20.1131, 38.1869, -16.0155

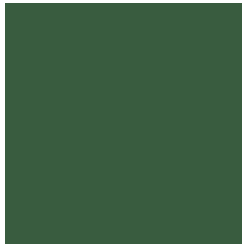


46.9451, 88.9323, -35.8462



# Previews

## White Background



This preview shows how the HunterLab color 29.8044, -13.7578, 8.7695 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

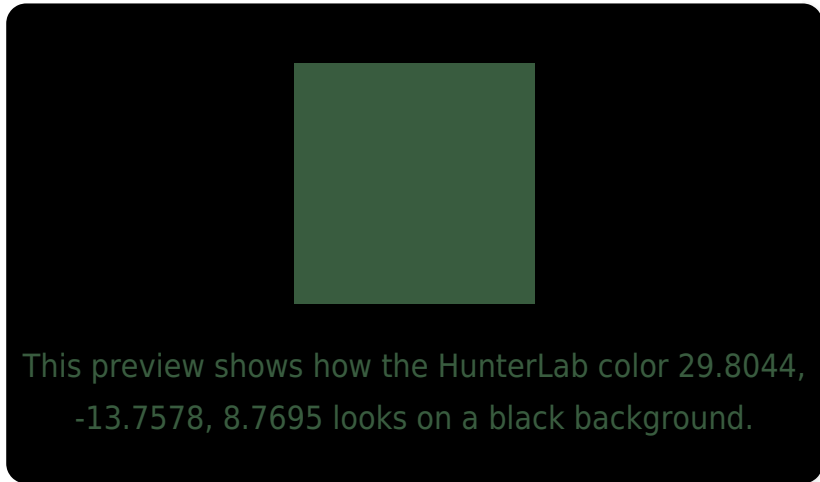
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

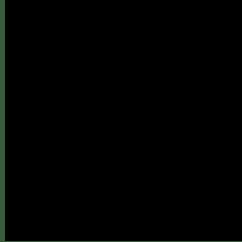
Any Text WCAG AA × Fail

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 29.8044, -13.7578, 8.7695 Background



This preview shows how black text looks on a background with the HunterLab color 29.8044, -13.7578, 8.7695.



This preview shows how white text looks on a background with the HunterLab color 29.8044,

-13.7578, 8.7695.

# 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

29.8044, -13.7578, 8.7695

### Protanopia

29.7154, -2.8878, 10.0042

### Deuteranopia

29.5421, 2.0110, 7.8945



## Tritanopia

29.8256, -6.2936, -3.2536

# Trichromacy



## Original Color

29.8044, -13.7578, 8.7695

## Protanomaly

29.6012, -7.3859, 9.5483

## Deuteranomaly

29.2597, -4.2807, 7.8210

## Tritanomaly

29.5996, -9.2352, 1.6852

# Monochromacy



## Original Color

29.8044, -13.7578, 8.7695

## Achromatopsia

27.6017, -1.4728, 1.4997

## Achromatomaly

28.2306, -6.2707, 4.0475

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 29.8044, -13.7578, 8.7695 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(57, 92, 63)` looks like.

```
.text, #text, p{  
    color:rgb(57, 92, 63)  
}
```

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(57, 92, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 92, 63) }
```

## Border

The CSS property to change the border of an element to HunterLab 29.8044, -13.7578, 8.7695 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(57, 92, 63) }
```



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

```
.border{ border-color:rgb(57, 92, 63) }
```

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

Here you see how a box with a 4 pixel rgb(57, 92, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 92, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 92, 63);  
box-shadow:4px 4px 4px 4px rgb(57, 92, 63)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 29.8044, -13.7578, 8.7695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 92, 63) }
```

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

```
.background{ background-color: rgb(57, 92,  
63) }
```

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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