

# Converting Colors

HunterLab(11.0282, -11.4031,  
1.8542)

Have a look what the booklet for  
HunterLab(11.0282, -11.4031,  
1.8542) contains.

<b>HunterLab(11.7859, -8.1089, 2.7733)</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> .....	31

# Color

**HunterLab(11.7859, -8.1089,  
2.7733)**

# Conversions

Conversions Part 1	
Format	Color
Hex	002518
RGB	0, 37, 24
RGB Percent	0%, 15%, 9%
CMY	1.0000, 0.8549, 0.9059
CMYK	1.00, 0.00, 0.35, 0.85
HSL	159°, 100%, 7%
HSV	159°, 100%, 15%
XYZ	0.8264, 1.3891, 1.0887
YIQ	24.4550, -17.8790, -11.8870

# Conversions

## Conversions Part 2

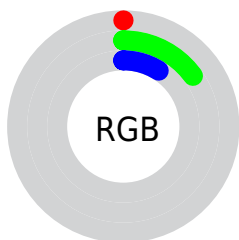
Format	Color
<a href="#">RYB</a>	<a href="#">0, 22, 37</a>
Decimal	<a href="#">9496</a>
CIELab	<a href="#">11.89, -17.37, 4.99</a>
CIELCh	<a href="#">12, 18.076, 163.974</a>
Yxy	<a href="#">1.3891, 0.2501, 0.4204</a>
Android (android.graphics.Color)	<a href="#">4278199576</a> (0xFF002518)
YUV	<a href="#">24.4550, -0.2243, -21.4470</a>
Hunter-Lab	<a href="#">11.7859, -8.1089, 2.7733</a>

# Details

The HunterLab color **11.7859, -8.1089, 2.7733** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **6.4992, 11.5769, 0.7336**, and the grayscale version is **9.6993, -0.5175, 0.5270**.

A 20% lighter version of the original color is **26.4532, -11.7945, 4.1920**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.7861, -8.1090, 2.7734**, and if you desaturate by 10%, it is **11.9103, -7.5549, 2.5434**.

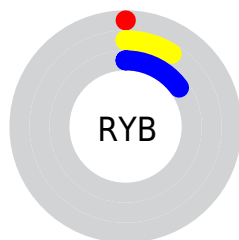
# Distribution



Red (0%)

Green (15%)

Blue (9%)



Red (0%)

Yellow (9%)

Blue (15%)

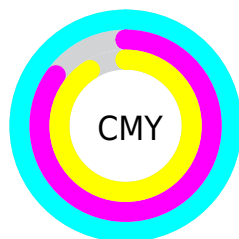


Cyan (100%)

Magenta (0%)

Yellow (35%)

Black (85%)



Cyan (100%)

Magenta (85%)


Yellow (91%)


# Brightness & Saturation Gradients


These gradients show how the HunterLab color 11.7859, -8.1089, 2.7733 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 11.7859, -8.1089, 2.7733 by changing the saturation by 10% instead.




 11.7859, -8.1089,  
2.7733

 11.7859, -8.1089,  
2.7733


 102.4475,  
-22.6978, 10.3293

 4.5683, -7.9945,  
3.1978


 26.5224, -11.8499,  
4.3646

0.0000, NaN, NaN

0.0000, NaN, NaN


 35.2503, -13.5262,  
5.1645

0.0000, NaN, NaN


 44.7687, -15.1331,  
5.9782

0.0000, NaN, NaN

0.0000, NaN, NaN

 55.0167, -16.6931,  
6.8090

0.0000, NaN, NaN


 65.9456, -18.2208,  
7.6588


0.0000, NaN, NaN


 77.5154, -19.7264,


0.0000, NaN, NaN


8.5284


 89.6923, -21.2170,  
9.4185


 11.7859, -8.1089,  
2.7733


 11.7859, -8.1089,  
2.7733


 11.7861, -8.1090,  
2.7734

 11.9103, -7.5549,  
2.5434

 12.0342, -7.0065,  
2.3028

 12.1589, -6.4601,  
2.0524

 12.2995, -5.8558,  
1.8101

 12.4618, -5.1741,  
1.5837

■ 12.6461, -4.4176,  
1.3749

■ 12.8525, -3.5899,  
1.1851

■ 13.0807, -2.6953,  
1.0154

■ 13.3306, -1.7389,  
0.8665

# Harmonies

## Analogous

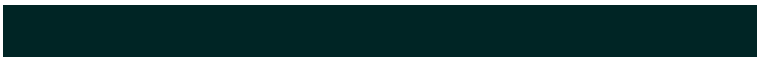
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



11.7861, -6.2623, 5.6185



11.7859, -8.1089, 2.7733



11.7861, -8.1709, -1.6248

# Triad

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



11.7861, -8.1090, 2.7734



11.7861, 1.6292, -11.0946



11.7861, 6.5910, 5.4576

# Complementary

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



11.7859, -8.1089, 2.7733



6.4992, 11.5769, 0.7336

# 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.



11.7861, 9.4650, 2.5315



11.7859, -8.1089, 2.7733



11.7861, 6.3115, -7.3564

# Square

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



11.7861, -8.1090, 2.7734



11.7861, -3.0182, -10.9468



11.7861, 9.3554, -1.9821



11.7861, 1.9660, 7.1537

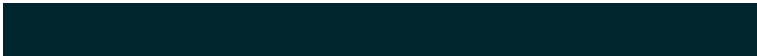


# Rectangle

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



11.7859, -8.1089, 2.7733



11.7861, -7.2168, -5.2325



11.7861, 9.3554, -1.9821



11.7861, 7.8240, 4.5960

# Sweetspot

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



11.7861, -8.1090, 2.7734



16.3294, -4.8042, 1.5593



11.8875, -8.2490, 7.1805



9.4277, -2.7701, 0.8994



56.4399, -3.0115, 3.0665



10.0114, -0.5342, 0.5439



# Same Dimension

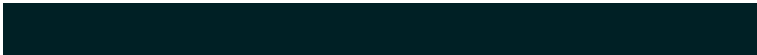
The Same Dimension uses a secret algorithm to generate beautiful new colors.



11.7861, -8.1090, 2.7734



15.0070, -10.4612, 3.8253



10.8177, -4.8680, -3.0126



7.6136, -0.8603, 0.4751



24.9616, -17.7377, 7.0908



68.8601, -49.8861, 21.6207



# Inverse Universe

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



6.4992, 11.5769, 0.7336



8.2457, 14.6127, 1.5168



7.0741, 8.2236, 4.5029



7.3429, 0.0751, 0.3452



13.6493, 24.0129, 3.8741



37.4929, 65.5074, 14.1525



# Previews

## White Background



This preview shows how the HunterLab color 11.7859, -8.1089, 2.7733 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 11.7859, -8.1089, 2.7733 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

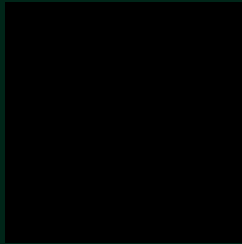
Any Text WCAG AA × Fail

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 11.7859, -8.1089, 2.7733 Background



This preview shows how black text looks on a background with the HunterLab color 11.7859, -8.1089, 2.7733.



This preview shows how white text looks on a background with the HunterLab color 11.7859, -8.1089, 2.7733.



# 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

11.7859, -8.1089, 2.7733

### Protanopia

12.0344, -0.9702, 3.6589

### Deuteranopia

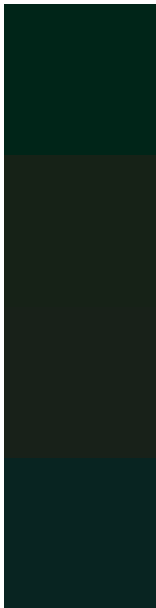
12.0923, 0.4609, 2.9498



**Tritanopia**

11.9481, -4.2237, -1.8111

# Trichromacy



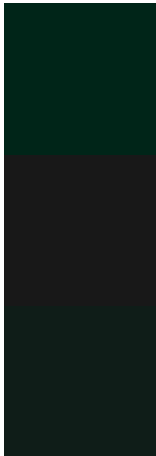
**Original Color**  
11.7859, -8.1089, 2.7733

**Protanomaly**  
11.7324, -4.4417, 3.0552

**Deuteranomaly**  
11.6279, -3.5241, 2.4139

**Tritanomaly**  
11.9297, -5.8316, 0.0980

# Monochromacy



**Original Color**  
11.7859, -8.1089, 2.7733

**Achromatopsia**  
9.5572, -0.5099, 0.5193

**Achromatomaly**  
10.2286, -3.9175, 1.2251

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 11.7859, -8.1089, 2.7733 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(0, 37, 24)` looks like.

```
.text, #text, p{  
    color:rgb(0, 37, 24)  
}
```

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(0, 37, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 37, 24) }
```

## Border

The CSS property to change the border of an element to HunterLab 11.7859, -8.1089, 2.7733 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(0, 37, 24) }
```



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

```
.border{ border-color:rgb(0, 37, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 37, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 37, 24); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 37, 24); box-shadow:4px  
4px 4px 4px rgb(0, 37, 24) }
```

# Background

The CSS property to change the background color of an element to HunterLab 11.7859, -8.1089, 2.7733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 37, 24) }
```

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

```
.background{ background-color: rgb(0, 37,  
24) }
```

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