

# Converting Colors

HunterLab(11.4895, -4.4640,  
4.0703)

Have a look what the booklet for  
HunterLab(11.4895, -4.4640, 4.0703)  
contains.

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# Color

**HunterLab(11.4610, -4.3827,  
4.0250)**

# Conversions

Conversions Part 1	
Format	Color
Hex	172112
RGB	23, 33, 18
RGB Percent	9%, 13%, 7%
CMY	0.9098, 0.8706, 0.9294
CMYK	0.30, 0.00, 0.45, 0.87
HSL	100°, 29%, 10%
HSV	100°, 45%, 13%
XYZ	1.0064, 1.3135, 0.7728
YIQ	28.3000, -1.1450, -6.7850

# Conversions

## Conversions Part 2

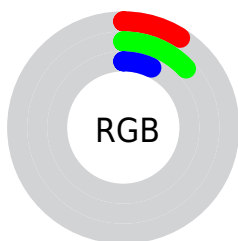
Format	Color
<a href="#">RYB</a>	<a href="#">18, 33, 28</a>
Decimal	<a href="#">1515794</a>
CIELab	<a href="#">11.37, -8.18, 8.55</a>
CIELCh	<a href="#">11, 11.833, 133.732</a>
Yxy	<a href="#">1.3136, 0.3254, 0.4247</a>
Android (android.graphics.Color)	<a href="#">4279705874</a> (0xFF172112)
YUV	<a href="#">28.3000, -5.0779, -4.6481</a>
Hunter-Lab	<a href="#">11.4610, -4.3827, 4.0250</a>

# Details

The HunterLab color **11.4610, -4.3827, 4.0250** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **8.8845, 3.9361, -4.0590**, and the grayscale version is **10.8840, -0.5807, 0.5913**.

A 20% lighter version of the original color is **26.0619, -6.4574, 6.2208**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.3078, -5.0603, 4.5678**, and if you desaturate by 10%, it is **11.6287, -3.6508, 3.4093**.

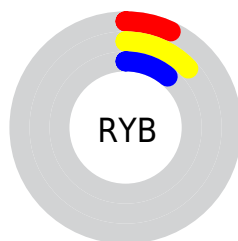
# Distribution



Red (9%)

Green (13%)

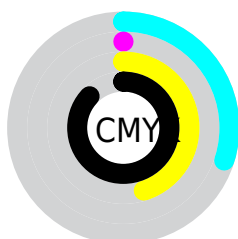
Blue (7%)



Red (7%)

Yellow (13%)

Blue (11%)

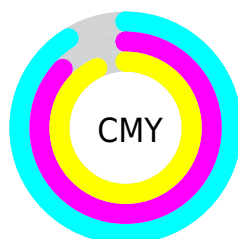


Cyan (30%)

Magenta (0%)

Yellow (45%)

Black (87%)



Cyan (91%)

Magenta (87%)


Yellow (93%)


# Brightness & Saturation Gradients


These gradients show how the HunterLab color 11.4610, -4.3827, 4.0250 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 11.4610, -4.3827, 4.0250 by changing the saturation by 10% instead.




 11.4610, -4.3827,  
4.0250

 11.4610, -4.3827,  
4.0250


 101.7771,  
-13.6772, 13.5215

 3.8948, -6.8160,  
2.7264


 26.0959, -6.5046,  
6.1769

0.0000, NaN, NaN

0.0000, NaN, NaN


 34.7811, -7.5221,  
7.2271

0.0000, NaN, NaN


 44.2604, -8.5327,  
8.2660

0.0000, NaN, NaN

0.0000, NaN, NaN

 54.4721, -9.5445,  
9.3028

0.0000, NaN, NaN


 65.3670, -10.5621,  
10.3436


0.0000, NaN, NaN


 76.9047, -11.5888,


0.0000, NaN, NaN


11.3920


 89.0511, -12.6267,  
12.4507


 11.4610, -4.3827,  
4.0250


 11.4610, -4.3827,  
4.0250


 11.3078, -5.0603,  
4.5678


 11.6287, -3.6508,  
3.4093


 11.1684, -5.6805,  
5.0364


 11.8100, -2.8668,  
2.7224


 11.0419, -6.2479,  
5.4456

 12.0049, -2.0338,  
1.9666

 10.9236, -6.7890,  
5.8640

 12.2133, -1.1553,  
1.1449

 10.8130, -7.3060,  
6.2988

 12.4349, -0.2344,  
0.2604

■ 10.7653, -7.5329,  
6.5016

■ 12.6694, 0.7253,  
-0.6834

■ 12.9163, 1.7207,  
-1.6832

■ 13.1754, 2.7483,  
-2.7352

■ 13.4463, 3.8052,  
-3.8359

# Harmonies

## Analogous

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



11.4612, -1.9683, 5.0900



11.4610, -4.3827, 4.0250



11.4612, -5.7055, 2.0761

# Triad

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



11.4612, -4.3830, 4.0251



11.4612, -2.2056, -6.1086



11.4612, 5.6434, 1.8681

# Complementary

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



11.4610, -4.3827, 4.0250



8.8845, 3.9361, -4.0590

# 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.



11.4612, 5.5628, -1.0474



11.4610, -4.3827, 4.0250



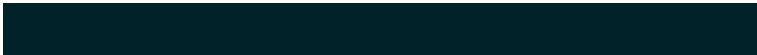
11.4612, 0.8101, -6.2069

# Square

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



11.4612, -4.3830, 4.0251



11.4612, -4.5410, -3.9293



11.4612, 3.7195, -4.1707

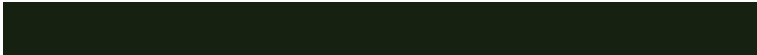


11.4612, 3.9295, 3.8912



# Rectangle

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



11.4610, -4.3827, 4.0250



11.4612, -5.8859, 0.2556



11.4612, 3.7195, -4.1707



11.4612, 5.8303, 0.9803

# Sweetspot

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



11.4612, -4.3830, 4.0251



15.2511, -2.5407, 2.4585



10.9434, -0.3654, 3.6362



9.0022, -1.4972, 1.4489



55.4075, -2.9564, 3.0104

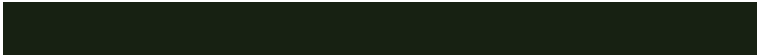


9.2414, -0.4931, 0.5021



# Same Dimension

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



11.4612, -4.3830, 4.0251



14.2875, -6.7294, 6.0341



11.2636, -5.0662, 3.2438



6.9057, -0.7562, 0.7448



24.1317, -18.3052, 14.5494



67.5776, -53.1583, 40.7104



# Inverse Universe

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



8.8845, 3.9361, -4.0590



10.1219, 6.8162, -7.2292



9.2320, 4.8096, -2.3326



6.6564, 0.0415, -0.0237



11.4635, 24.5622, -30.8141

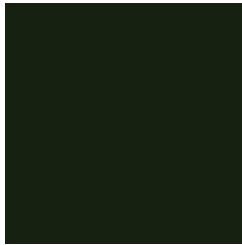


31.4031, 68.0540, -90.3675



# Previews

## White Background



This preview shows how the HunterLab color 11.4610, -4.3827, 4.0250 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

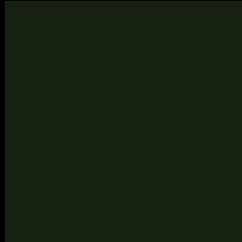
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the HunterLab color 11.4610, -4.3827, 4.0250 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

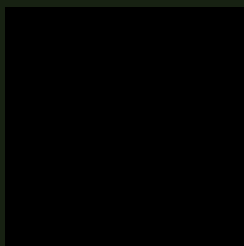
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

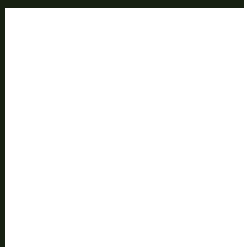
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 11.4610, -4.3827, 4.0250 Background



This preview shows how black text looks on a background with the HunterLab color 11.4610, -4.3827, 4.0250.



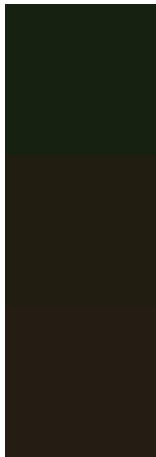
This preview shows how white text looks on a background with the HunterLab color 11.4610, -4.3827, 4.0250.



# 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

11.4610, -4.3827, 4.0250

### Protanopia

11.3682, -1.1676, 4.2187

### Deuteranopia

11.4850, 0.4143, 3.9038



**Tritanopia**

11.4677, -1.3164, -0.7811

# Trichromacy



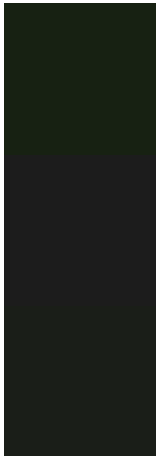
**Original Color**  
11.4610, -4.3827, 4.0250

**Protanomaly**  
11.3210, -2.5017, 4.1548

**Deuteranomaly**  
11.3254, -1.2610, 3.7312

**Tritanomaly**  
11.5045, -2.6465, 1.3809

# Monochromacy



**Original Color**  
11.4610, -4.3827, 4.0250

**Achromatopsia**  
10.7760, -0.5750, 0.5855

**Achromatomaly**  
11.0186, -2.1895, 2.1014

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 11.4610, -4.3827, 4.0250 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(23, 33, 18)` looks like.

```
.text, #text, p{  
    color:rgb(23, 33, 18)  
}
```

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(23, 33, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 33, 18) }
```

## Border

The CSS property to change the border of an element to HunterLab 11.4610, -4.3827, 4.0250 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(23, 33, 18) }
```



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

```
.border{ border-color:rgb(23, 33, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 33, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 33, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 33, 18);  
box-shadow:4px 4px 4px 4px rgb(23, 33, 18)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 11.4610, -4.3827, 4.0250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 33, 18) }
```

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

```
.background{ background-color: rgb(23, 33,  
18) }
```

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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