

Converting Colors

HunterLab(11.4573, -4.3967,
4.0216)

Have a look what the booklet for
HunterLab(11.4573, -4.3967, 4.0216)
contains.

HunterLab(11.4610, -4.3827, 4.0250)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

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
R_{YB}	18, 33, 28
Decimal	1515794
CIE Lab	11.37, -8.18, 8.55
CIE LCh	11, 11.833, 133.732
Yxy	1.3136, 0.3254, 0.4247
Android (android.graphics.Color)	4279705874 (0xFF172112)
YUV	28.3000, -5.0779, -4.6481
Hunter-Lab	11.4610, -4.3827, 4.0250

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**.

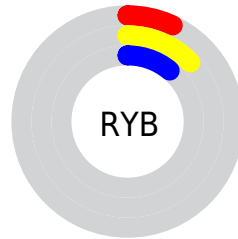
Distribution



Red (9%)

Green (13%)

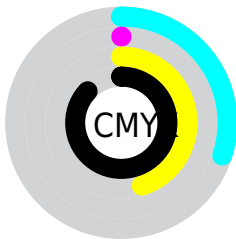
Blue (7%)



Red (7%)

Yellow (13%)

Blue (11%)

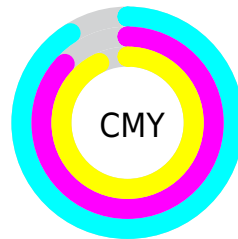


Cyan (30%)

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



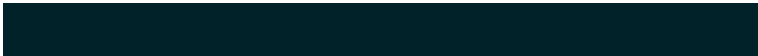
11.4612, 0.8101, -6.2069

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



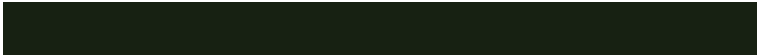
11.4612, 3.7195, -4.1707



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



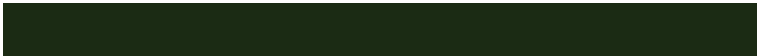
9.2414, -0.4931, 0.5021

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



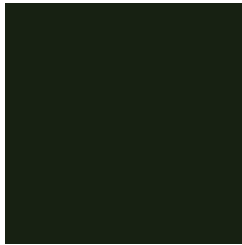
11.4635, 24.5622, -30.8141



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

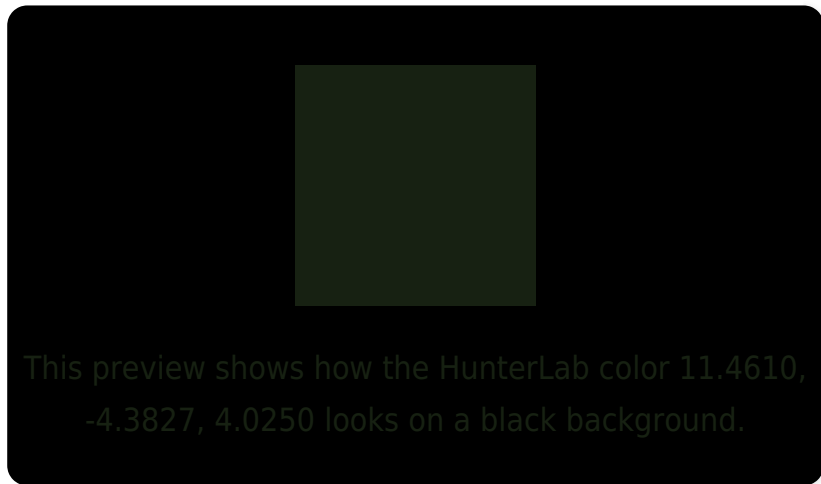
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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.

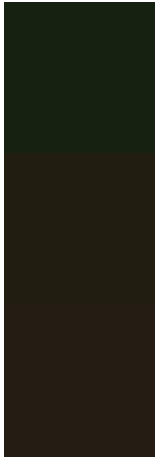


This preview shows how white text looks on a background with the HunterLab color 11.4610, -4.3827,

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

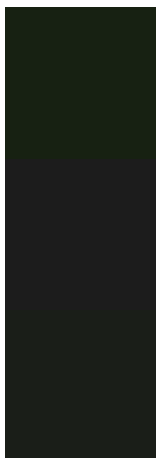
Deuteranomaly

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](#).

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