

Converting Colors

HunterLab(22.9763, -17.9315,
12.4937)

Have a look what the booklet for
HunterLab(22.9763, -17.9315,
12.4937) contains.

HunterLab(23.0454, -18.0019, 12.5210)	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(23.0454,
-18.0019, 12.5210)**

Conversions

Conversions Part 1

Format	Color
Hex	0F4C11
RGB	15, 76, 17
RGB Percent	6%, 30%, 7%
CMY	0.9412, 0.7020, 0.9333
CMYK	0.80, 0.00, 0.78, 0.70
HSL	122°, 67%, 18%
HSV	122°, 80%, 30%
XYZ	2.8826, 5.3109, 1.4035
YIQ	51.0350, -17.4170, -31.2810

Conversions

Conversions Part 2

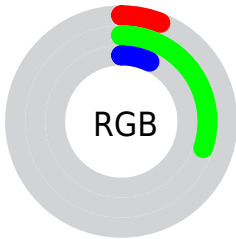
Format	Color
RYB	15, 74, 76
Decimal	1002513
CIELab	27.60, -32.02, 28.28
CIELCh	28, 42.721, 138.543
Yxy	5.3111, 0.3004, 0.5534
Android (android.graphics.Color)	4279192593 (0xFF0F4C11)
YUV	51.0350, -16.7793, -31.6027
Hunter-Lab	23.0454, -18.0019, 12.5210

Details

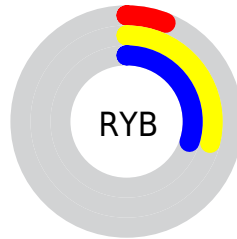
The HunterLab color **23.0454, -18.0019, 12.5210** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **15.4034, 23.8879, -15.0276**, and the grayscale version is **18.2657, -0.9746, 0.9924**.

A 20% lighter version of the original color is **40.6765, -23.7365, 17.7946**, and **10.6961, -9.1719, 6.4303** is the 20% darker color. If you saturate the color by 10%, you get **22.8867, -18.7592, 13.0563**, and if you desaturate by 10%, it is **23.2680, -16.9575, 11.7895**.

Distribution



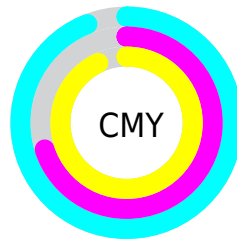
- Red (6%)
- Green (30%)
- Blue (7%)



- Red (6%)
- Yellow (29%)
- Blue (30%)



- Cyan (80%)
- Magenta (0%)
- Yellow (78%)
- Black (70%)



- Cyan (94%)
- Magenta (70%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.0454, -18.0019, 12.5210 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 23.0454, -18.0019, 12.5210 by changing the saturation by 10% instead.

■ 23.0454, -18.0019,
12.5210

■ 23.0454, -18.0019,
12.5210

■ 123.6059,
-39.6708, 32.6601

■ 15.5915, -14.7826,
10.3645

■ 40.6007, -23.5933,
17.7095

■ 9.1746, -15.6965,
6.4223

■ 50.5428, -26.1291,
20.0666

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.1855, -28.5513,
22.3180

0.0000, NaN, NaN

■ 72.4854, -30.8866,
24.4885

0.0000, NaN, NaN

■ 84.4061, -33.1538,
26.5960

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 96.9170, -35.3669,

109.9914,
-37.5365, 30.6727

23.0454, -18.0019,
12.5210

23.0454, -18.0019,
12.5210

22.8867, -18.7592,
13.0563

23.2680, -16.9575,
11.7895

22.7476, -19.4204,
13.4904

23.5602, -15.6030,
10.8586

23.9254, -13.9390,
9.7304

24.3651, -11.9748,
8.4119

24.8798, -9.7268,
6.9151

■ 25.4689, -7.2168,
5.2548

■ 26.1309, -4.4704,
3.4482

■ 26.8638, -1.5147,
1.5131

■ 27.6648, 1.6229,
-0.5325

Harmonies

Analogous

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



23.0459, -9.1117, 14.8570



23.0454, -18.0019, 12.5210



23.0459, -21.9728, 5.7452

Triad

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



23.0459, -18.0022, 12.5211



23.0459, -6.2914, -40.0173



23.0459, 29.8860, 7.9504

Complementary

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



23.0454, -18.0019, 12.5210



15.4034, 23.8879, -15.0276

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.



23.0459, 31.1536, -4.3736



23.0454, -18.0019, 12.5210



23.0459, 7.8757, -38.0735

Square

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



23.0459, -18.0022, 12.5211



23.0459, -16.3597, -26.9984



23.0459, 22.3484, -22.6471



23.0459, 19.2107, 13.3167

Rectangle

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



23.0454, -18.0019, 12.5210



23.0459, -22.1147, -2.8402



23.0459, 22.3484, -22.6471



23.0459, 31.5062, 4.7130

Sweetspot

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



23.0459, -18.0022, 12.5211



33.2498, -11.1101, 7.9826



25.8821, -6.8707, 14.7928



16.9652, -6.0378, 4.3187



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



23.0459, -18.0022, 12.5211



30.0839, -25.3928, 17.6907



23.3923, -15.8700, 7.4487



13.6686, -2.0897, 1.6394



30.8384, -26.3591, 18.3563



75.0548, -64.2810, 44.9523

Inverse Universe

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



15.4034, 23.8879, -15.0276



19.0127, 35.8652, -22.4064



14.3657, 19.7807, -0.8344



13.1381, 0.7126, -0.2148



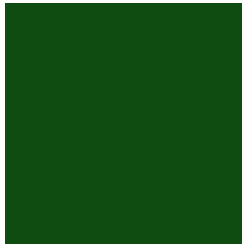
19.2848, 37.6627, -23.4834



46.9178, 91.5854, -56.7918

Previews

White Background



This preview shows how the HunterLab color 23.0454, -18.0019, 12.5210 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

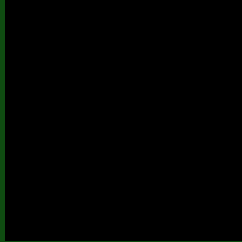
Any Text WCAG AA × Fail

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 23.0454, -18.0019, 12.5210 Background



This preview shows how black text looks on a background with the HunterLab color 23.0454, -18.0019, 12.5210.



This preview shows how white text looks on a background with the HunterLab color 23.0454,

-18.0019, 12.5210.

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

23.0454, -18.0019, 12.5210

Protanopia

22.8665, -3.1929, 12.9571

Deuteranopia

22.9269, 0.9128, 12.0472



Tritanopia

23.2000, -7.8814, -3.7857

Trichromacy



Original Color

23.0454, -18.0019, 12.5210

Protanomaly

22.4071, -10.2910, 12.4312

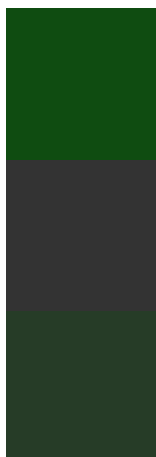
Deuteranomaly

22.2223, -8.1258, 11.6581

Tritanomaly

22.9650, -12.7969, 4.5954

Monochromacy



Original Color

23.0454, -18.0019, 12.5210

Achromatopsia

18.1947, -0.9708, 0.9886

Achromatomaly

19.4686, -8.5686, 6.0009

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.0454, -18.0019, 12.5210 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(15, 76, 17)` looks like.

```
.text, #text, p{  
    color:rgb(15, 76, 17)  
}
```

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(15, 76, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 76, 17) }
```

Border

The CSS property to change the border of an element to HunterLab 23.0454, -18.0019, 12.5210 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(15, 76, 17) }
```


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

```
.border{ border-color:rgb(15, 76, 17) }
```

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

Here you see how a box with a 4 pixel rgb(15, 76, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 76, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 76, 17);  
box-shadow:4px 4px 4px 4px rgb(15, 76, 17)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.0454, -18.0019, 12.5210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 76, 17) }
```

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

```
.background{ background-color: rgb(15, 76,  
17) }
```

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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