

Converting Colors

HunterLab(23.6029, -18.9286,
12.0515)

Have a look what the booklet for
HunterLab(23.6029, -18.9286,
12.0515) contains.

HunterLab(23.5521, -18.8442, 12.0073)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

**HunterLab(23.5521,
-18.8442, 12.0073)**

Conversions

Conversions Part 1

Format	Color
Hex	054E18
RGB	5, 78, 24
RGB Percent	2%, 31%, 9%
CMY	0.9804, 0.6941, 0.9059
CMYK	0.94, 0.00, 0.69, 0.69
HSL	136°, 88%, 16%
HSV	136°, 94%, 31%
XYZ	2.9519, 5.5470, 1.7793
YIQ	50.0170, -26.1740, -32.2700

Conversions

Conversions Part 2

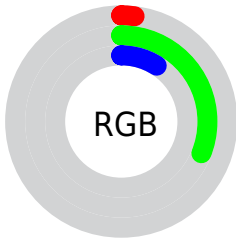
Format	Color
RYB	5, 63, 78
Decimal	347672
CIELab	28.24, -33.52, 25.52
CIELCh	28, 42.133, 142.717
Yxy	5.5472, 0.2872, 0.5397
Android (android.graphics.Color)	4278537752 (0xFF054E18)
YUV	50.0170, -12.8264, -39.4799
Hunter-Lab	23.5521, -18.8442, 12.0073

Details

The HunterLab color **23.5521, -18.8442, 12.0073** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **14.2972, 24.7416, -7.9158**, and the grayscale version is **17.9135, -0.9558, 0.9733**.

A 20% lighter version of the original color is **41.2363, -24.5278, 16.6491**, and **10.9639, -9.4015, 6.5913** is the 20% darker color. If you saturate the color by 10%, you get **23.4534, -19.3259, 12.4044**, and if you desaturate by 10%, it is **23.7185, -18.0343, 11.2671**.

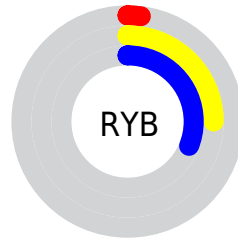
Distribution



Red (2%)

Green (31%)

Blue (9%)



Red (2%)

Yellow (25%)

Blue (31%)

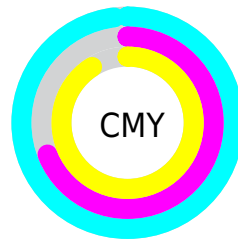


Cyan (94%)

Magenta (0%)

Yellow (69%)

Black (69%)



Cyan (98%)

Magenta (69%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.5521, -18.8442, 12.0073 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 23.5521, -18.8442, 12.0073 by changing the saturation by 10% instead.

■ 23.5521, -18.8442,
12.0073

■ 23.5521, -18.8442,
12.0073

124.4907,
-41.2735, 30.5391

■ 16.0368, -15.5043,
9.6939

■ 41.2120, -24.6457,
16.7227

■ 9.5525, -15.8069,
6.6868

■ 51.2002, -27.2746,
18.8784

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.8859, -29.7838,
20.9457

0.0000, NaN, NaN

■ 73.2263, -32.2008,
22.9463

0.0000, NaN, NaN

■ 85.1855, -34.5453,
24.8957


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 97.7330, -36.8320,


26.8055


0.0000, NaN, NaN


 110.8425,
-39.0718, 28.6844


 23.5521, -18.8442,
12.0073


 23.5521, -18.8442,
12.0073


 23.4534, -19.3259,
12.4044

 23.7185, -18.0343,
11.2671

 23.9347, -17.0002,
10.4066

 24.2154, -15.6917,
9.4402

 24.5634, -14.1084,
8.3767

 24.9804, -12.2574,
7.2265

■ 25.4670, -10.1519,
6.0014

■ 26.0230, -7.8099,
4.7139

■ 26.6473, -5.2523,
3.3763

■ 27.3384, -2.5023,
2.0006

Harmonies

Analogous

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



23.5526, -10.6386, 14.7576



23.5521, -18.8442, 12.0073



23.5526, -22.1936, 4.2578

Triad

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



23.5526, -18.8445, 12.0074



23.5526, -4.5227, -39.9060



23.5526, 28.4920, 9.0842

Complementary

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



23.5521, -18.8442, 12.0073



14.2972, 24.7416, -7.9158

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.



23.5526, 31.1940, -2.1411



23.5521, -18.8442, 12.0073



23.5526, 9.8682, -35.8131

Square

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



23.5526, -18.8445, 12.0074



23.5526, -15.2509, -28.8668



23.5526, 23.7382, -19.6573



23.5526, 17.0299, 13.8094

Rectangle

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



23.5521, -18.8442, 12.0073



23.5526, -21.9265, -4.9662



23.5526, 23.7382, -19.6573



23.5526, 30.5479, 6.1814

Sweetspot

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



23.5526, -18.8445, 12.0074



33.9539, -12.0369, 7.1613



25.3237, -11.8896, 15.0600



16.8613, -6.3760, 3.7786



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.



23.5526, -18.8445, 12.0074



30.9513, -25.6518, 16.6885



24.0934, -15.5207, 4.1391



13.6875, -1.9844, 1.3689



75.2590, -63.0002, 41.9320

Inverse Universe

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



14.2972, 24.7416, -7.9158



18.2728, 34.1066, -10.0050



13.3835, 21.3050, 4.9702



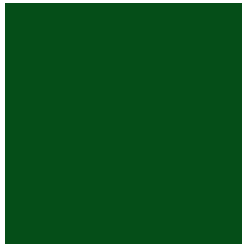
13.1168, 0.5986, 0.0866



44.3099, 82.4116, -21.9835

Previews

White Background



This preview shows how the HunterLab color 23.5521, -18.8442, 12.0073 looks on a white background.

Color Contrast Check

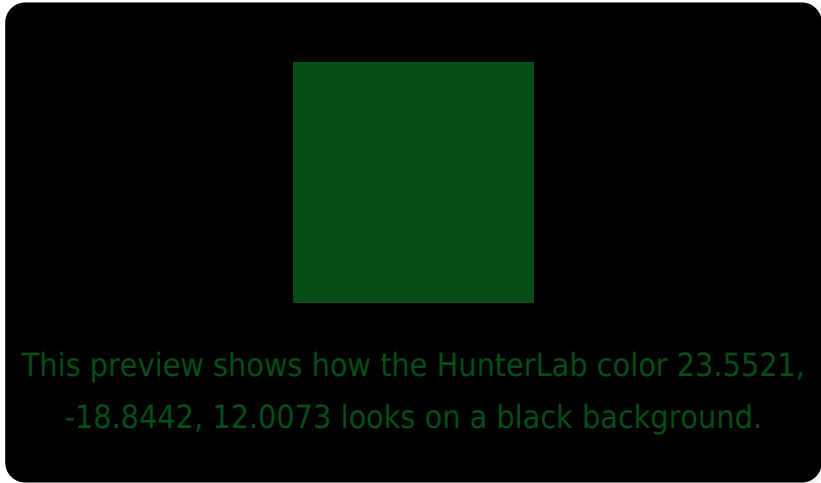
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.5521, -18.8442, 12.0073 Background



This preview shows how black text looks on a background with the HunterLab color 23.5521, -18.8442, 12.0073.



This preview shows how white text looks on a background with the HunterLab color 23.5521,

-18.8442, 12.0073.

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

23.5521, -18.8442, 12.0073

Protanopia

23.5888, -3.1104, 12.6976

Deuteranopia

23.6527, 1.0387, 11.6791



Tritanopia

23.7417, -8.5459, -3.9929

Trichromacy



Original Color

23.5521, -18.8442, 12.0073

Protanomaly

22.8965, -11.1191, 11.9485

Deuteranomaly

22.6883, -9.0096, 11.1130

Tritanomaly

23.4915, -13.4791, 3.7963

Monochromacy



Original Color

23.5521, -18.8442, 12.0073

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

19.3181, -9.0824, 5.3062

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.5521, -18.8442, 12.0073 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(5, 78, 24)` looks like.

```
.text, #text, p{  
    color:rgb(5, 78, 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(5, 78, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 78, 24) }
```

Border

The CSS property to change the border of an element to HunterLab 23.5521, -18.8442, 12.0073 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(5, 78, 24) }
```

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

```
.border{ border-color:rgb(5, 78, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 78, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 78, 24); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 78, 24); box-shadow:4px  
4px 4px 4px rgb(5, 78, 24) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.5521, -18.8442, 12.0073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 78, 24) }
```

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

```
.background{ background-color: rgb(5, 78,  
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