

Converting Colors

HunterLab(23.8069, -18.7217,
13.9878)

Have a look what the booklet for
HunterLab(23.8069, -18.7217,
13.9878) contains.

HunterLab(23.6605, -18.6197, 13.8937)	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(23.6605,
-18.6197, 13.8937)**

Conversions

Conversions Part 1

Format	Color
Hex	134E05
RGB	19, 78, 5
RGB Percent	7%, 31%, 2%
CMY	0.9255, 0.6941, 0.9804
CMYK	0.76, 0.00, 0.94, 0.69
HSL	108°, 88%, 16%
HSV	108°, 94%, 31%
XYZ	3.0203, 5.5982, 1.0650
YIQ	52.0370, -11.7310, -35.2110

Conversions

Conversions Part 2

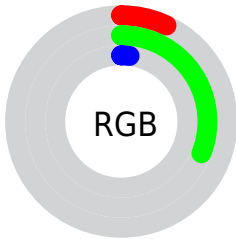
Format	Color
RYB	5, 78, 64
Decimal	1265157
CIELab	28.38, -32.90, 33.74
CIELCh	28, 47.124, 134.282
Yxy	5.5984, 0.3119, 0.5781
Android (android.graphics.Color)	4279455237 (0xFF134E05)
YUV	52.0370, -23.1892, -28.9734
Hunter-Lab	23.6605, -18.6197, 13.8937

Details

The HunterLab color **23.6605, -18.6197, 13.8937** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **13.2244, 24.6959, -23.7351**, and the grayscale version is **18.6224, -0.9936, 1.0118**.

A 20% lighter version of the original color is **41.3892, -24.3166, 19.9004**, and **10.9639, -9.4015, 6.5913** is the 20% darker color. If you saturate the color by 10%, you get **23.5589, -19.0979, 14.1825**, and if you desaturate by 10%, it is **23.8498, -17.7548, 13.4552**.

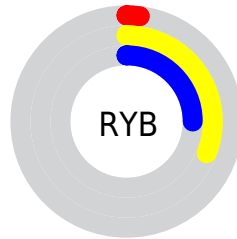
Distribution



Red (7%)

Green (31%)

Blue (2%)



Red (2%)

Yellow (31%)

Blue (25%)

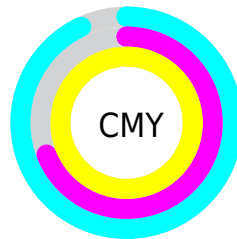


Cyan (76%)

Magenta (0%)

Yellow (94%)

Black (69%)



Cyan (93%)

Magenta (69%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.6605, -18.6197, 13.8937 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 23.6605, -18.6197, 13.8937 by changing the saturation by 10% instead.

■ 23.6605, -18.6197,
13.8937

■ 23.6605, -18.6197,
13.8937

■ 124.6794,
-40.6981, 37.0767

■ 16.1322, -15.3452,
11.2925

■ 41.3426, -24.3171,
19.9396

■ 9.6328, -15.4094,
6.7430

■ 51.3406, -26.9024,
22.6752

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.0355, -29.3717,
25.2771

0.0000, NaN, NaN

■ 73.3845, -31.7518,
27.7744

0.0000, NaN, NaN

■ 85.3519, -34.0620,
30.1885


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 97.9072, -36.3163,


32.5357


0.0000, NaN, NaN


 111.0241,
-38.5256, 34.8285


 23.6605, -18.6197,
13.8937


 23.6605, -18.6197,
13.8937


 23.5589, -19.0979,
14.1825

 23.8498, -17.7548,
13.4552

 24.0885, -16.6652,
12.8523

 24.3829, -15.3262,
12.0228

 24.7345, -13.7392,
10.9606

 25.1443, -11.9112,
9.6655

■ 25.6125, -9.8538,
8.1425

■ 26.1385, -7.5816,
6.4006

■ 26.7215, -5.1117,
4.4521

■ 27.3601, -2.4626,
2.3112

Harmonies

Analogous

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



23.6610, -8.1473, 15.9923



23.6605, -18.6197, 13.8937



23.6610, -23.5864, 7.7291

Triad

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



23.6610, -18.6201, 13.8938



23.6610, -8.7769, -45.1725



23.6610, 34.9005, 7.2463

Complementary

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



23.6605, -18.6197, 13.8937



13.2244, 24.6959, -23.7351

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.



23.6610, 34.6055, -7.7049



23.6605, -18.6197, 13.8937



23.6610, 6.5095, -45.6383

Square

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



23.6610, -18.6201, 13.8938



23.6610, -18.9787, -28.1068



23.6610, 23.2191, -29.1376



23.6610, 23.9441, 13.7344

Rectangle

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



23.6605, -18.6197, 13.8937



23.6610, -24.1772, -0.9178



23.6610, 23.2191, -29.1376



23.6610, 36.1877, 3.2999

Sweetspot

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



23.6610, -18.6201, 13.8938



34.1296, -11.6830, 9.7425



22.8702, -1.2379, 13.6983



16.9535, -6.1887, 5.1353



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.



23.6610, -18.6201, 13.8938



31.0594, -25.4409, 18.6933



23.5796, -18.6763, 11.6102



13.7125, -1.9383, 1.7323



75.3998, -62.8298, 45.3611

Inverse Universe

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



13.2244, 24.6959, -23.7351



16.6525, 34.2785, -33.8946



14.1948, 24.3609, -6.5089



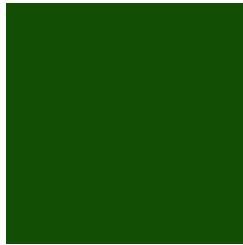
13.0882, 0.5504, -0.3285



40.0764, 82.8173, -84.0654

Previews

White Background



This preview shows how the HunterLab color 23.6605, -18.6197, 13.8937 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 23.6605, -18.6197, 13.8937 Background



This preview shows how black text looks on a background with the HunterLab color 23.6605, -18.6197, 13.8937.



This preview shows how white text looks on a background with the HunterLab color 23.6605,

-18.6197, 13.8937.

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

23.6605, -18.6197, 13.8937

Protanopia

23.5602, -3.4421, 14.4574

Deuteranopia

23.6476, 0.8175, 13.2562



Tritanopia

23.8924, -8.0380, -3.3046

Trichromacy



Original Color

23.6605, -18.6197, 13.8937

Protanomaly

23.0718, -10.6687, 13.8824

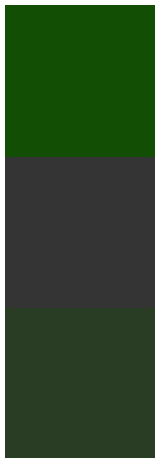
Deuteranomaly

22.9041, -8.4079, 12.9805

Tritanomaly

23.5525, -13.5614, 6.3912

Monochromacy



Original Color

23.6605, -18.6197, 13.8937

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

19.7736, -8.9017, 7.2607

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.6605, -18.6197, 13.8937 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(19, 78, 5)` looks like.

```
.text, #text, p{  
    color:rgb(19, 78, 5)  
}
```

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(19, 78, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 78, 5) }
```

Border

The CSS property to change the border of an element to HunterLab 23.6605, -18.6197, 13.8937 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(19, 78, 5) }
```

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

```
.border{ border-color:rgb(19, 78, 5) }
```

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

Here you see how a box with a 4 pixel rgb(19, 78, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 78, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(19, 78, 5); box-shadow:4px  
4px 4px 4px rgb(19, 78, 5) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.6605, -18.6197, 13.8937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 78, 5) }
```

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

```
.background{ background-color: rgb(19, 78,  
5) }
```

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