

Converting Colors

HunterLab(30.5462, -19.3876,
18.4830)

Have a look what the booklet for
HunterLab(30.5462, -19.3876,
18.4830) contains.

HunterLab(30.5968, -19.4143, 18.5137)	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(30.5968,
-19.4143, 18.5137)**

Conversions

Conversions Part 1

Format	Color
Hex	376100
RGB	55, 97, 0
RGB Percent	22%, 38%, 0%
CMY	0.7843, 0.6196, 1.0000
CMYK	0.43, 0.00, 1.00, 0.62
HSL	86°, 100%, 19%
HSV	86°, 100%, 38%
XYZ	5.8503, 9.3616, 1.4986
YIQ	73.3840, 6.1050, -39.0710

Conversions

Conversions Part 2

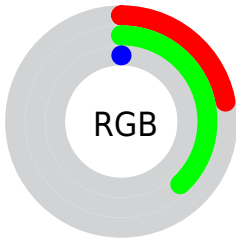
Format	Color
RYB	0, 97, 42
Decimal	3629312
CIELab	36.67, -29.62, 42.88
CIElCh	37, 52.115, 124.632
Yxy	9.3620, 0.3501, 0.5602
Android (android.graphics.Color)	4281819392 (0xFF376100)
YUV	73.3840, -36.1783, -16.1228
Hunter-Lab	30.5968, -19.4143, 18.5137

Details

The HunterLab color $[30.5968, -19.4143, 18.5137]$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $[11.6431, 27.3496, -49.9395]$, and the grayscale version is $[26.0727, -1.3912, 1.4166]$.

A 20% lighter version of the original color is $[49.5894, -24.2676, 25.6587]$, and $[15.1037, -12.9514, 9.0801]$ is the 20% darker color. If you saturate the color by 10%, you get $[30.5973, -19.4155, 18.5140]$, and if you desaturate by 10%, it is $[30.8335, -18.3922, 18.1415]$.

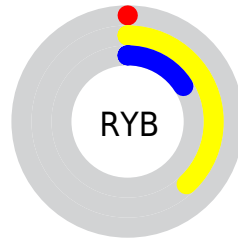
Distribution



Red (22%)

Green (38%)

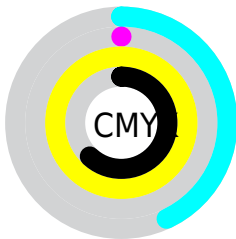
Blue (0%)



Red (0%)

Yellow (38%)

Blue (16%)

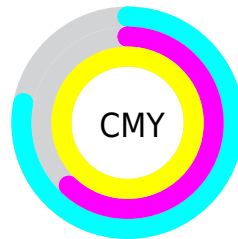


Cyan (43%)

Magenta (0%)

Yellow (100%)

Black (62%)



Cyan (78%)

Magenta (62%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.5968, -19.4143, 18.5137 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 30.5968, -19.4143, 18.5137 by changing the saturation by 10% instead.

■ 30.5968, -19.4143,
18.5137

■ 30.5968, -19.4143,
18.5137

■ 136.4024,
-39.1367, 45.9150

■ 22.3116, -16.6911,
15.0413

■ 49.5868, -24.3263,
25.6009

■ 14.9479, -13.6697,
10.4635

■ 60.1662, -26.6087,
28.8419

■ 8.5945, -15.0404,
6.0162

■ 71.4064, -28.8126,
31.9321

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 83.2707, -30.9557,
34.8997

0.0000, NaN, NaN

■ 95.7278, -33.0509,
37.7663


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 108.7508,


-35.1080, 40.5491


0.0000, NaN, NaN


 122.3159,
-37.1346, 43.2617


 30.5968, -19.4143,
18.5137


 30.5968, -19.4143,
18.5137


 30.5973, -19.4155,
18.5140

 30.8335, -18.3922,
18.1415

 31.0938, -17.2630,
17.6479

 31.3906, -15.9579,
16.8549

 31.7256, -14.4718,
15.7401

 32.0999, -12.8030,
14.2890

■ 32.5142, -10.9531,
12.4935

■ 32.9689, -8.9257,
10.3509

■ 33.4642, -6.7266,
7.8630

■ 33.9999, -4.3631,
5.0353

Harmonies

Analogous

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



30.5975, -4.4677, 19.8897



30.5968, -19.4143, 18.5137



30.5975, -27.6989, 12.9465

Triad

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



30.5975, -19.4150, 18.5138



30.5975, -15.4932, -47.7486



30.5975, 42.7715, 4.2862

Complementary

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



30.5968, -19.4143, 18.5137



11.6431, 27.3496, -49.9395

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.



30.5975, 37.8298, -16.7798



30.5968, -19.4143, 18.5137



30.5975, 1.3062, -55.3143

Square

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



30.5975, -19.4150, 18.5138



30.5975, -25.8428, -24.6481



30.5975, 21.4469, -41.6079



30.5975, 33.6858, 15.3737

Rectangle

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



30.5968, -19.4143, 18.5137



30.5975, -29.7113, 4.6793



30.5975, 21.4469, -41.6079



30.5975, 42.7110, -1.6900

Sweetspot

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



30.5975, -19.4150, 18.5138



43.1088, -11.9277, 13.8158



20.2179, 14.9703, 12.7198



21.3926, -6.3362, 7.3075



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



30.5975, -19.4150, 18.5138



39.9853, -25.7153, 24.1886



29.3292, -24.6923, 17.6399



17.0846, -2.0509, 2.3566



35.6506, -22.8056, 21.5685



82.0791, -54.0190, 49.6311

Inverse Universe

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



11.6431, 27.3496, -49.9395



15.0553, 35.6087, -66.4418



17.2716, 34.5736, -27.5765



16.0099, 0.3271, -0.6659



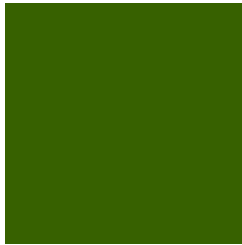
13.4797, 31.7959, -58.8194



30.3387, 72.6334, -140.6839

Previews

White Background



This preview shows how the HunterLab color 30.5968, -19.4143, 18.5137 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

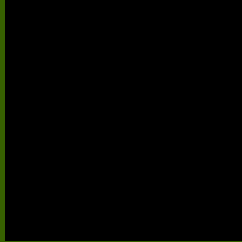
Any Text WCAG AA × Fail

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 30.5968, -19.4143, 18.5137 Background



This preview shows how black text looks on a background with the HunterLab color 30.5968, -19.4143, 18.5137.



This preview shows how white text looks on a background with the HunterLab color 30.5968,

-19.4143, 18.5137.

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

30.5968, -19.4143, 18.5137

Protanopia

30.3265, -4.4679, 18.6088

Deuteranopia

30.4463, 1.3554, 17.5848



Tritanopia

30.6083, -6.1608, -3.1538

Trichromacy



Original Color

30.5968, -19.4143, 18.5137

Protanomaly

30.1764, -10.5987, 18.4090

Deuteranomaly

29.9446, -7.1328, 17.6381

Tritanomaly

30.3863, -13.0321, 9.6032

Monochromacy



Original Color

30.5968, -19.4143, 18.5137

Achromatopsia

25.8120, -1.3773, 1.4024

Achromatomaly

27.1847, -9.7704, 10.9427

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.5968, -19.4143, 18.5137 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(55, 97, 0)` looks like.

```
.text, #text, p{  
    color:rgb(55, 97, 0)  
}
```

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(55, 97, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 97, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 30.5968, -19.4143, 18.5137 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(55, 97, 0) }
```


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

```
.border{ border-color:rgb(55, 97, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 97, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 97, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(55, 97, 0); box-shadow:4px  
4px 4px 4px rgb(55, 97, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.5968, -19.4143, 18.5137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 97, 0) }
```

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

```
.background{ background-color: rgb(55, 97,  
0) }
```

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