

Converting Colors

HunterLab(30.5875, -19.0206,
20.9627)

Have a look what the booklet for
HunterLab(30.5875, -19.0206,
20.9627) contains.

HunterLab(30.8893, -18.2332, 18.7146)	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(30.8893,
-18.2332, 18.7146)**

Conversions

Conversions Part 1

Format	Color
Hex	3D6100
RGB	61, 97, 0
RGB Percent	24%, 38%, 0%
CMY	0.7608, 0.6196, 1.0000
CMYK	0.37, 0.00, 1.00, 0.62
HSL	82°, 100%, 19%
HSV	82°, 100%, 38%
XYZ	6.1992, 9.5415, 1.5150
YIQ	75.1780, 9.6810, -37.7990

Conversions

Conversions Part 2

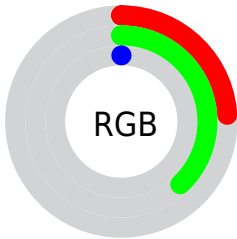
Format	Color
RYB	0, 97, 36
Decimal	4022528
CIELab	37.01, -27.21, 43.29
CIElCh	37, 51.129, 122.156
Yxy	9.5419, 0.3592, 0.5529
Android (android.graphics.Color)	4282212608 (0xFF3D6100)
YUV	75.1780, -37.0628, -12.4341
Hunter-Lab	30.8893, -18.2332, 18.7146

Details

The HunterLab color $[30.8893, -18.2332, 18.7146]$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $[11.1285, 26.8108, -52.9291]$, and the grayscale version is $[26.7157, -1.4255, 1.4515]$.

A 20% lighter version of the original color is $[49.9859, -22.7028, 25.8122]$, and $[15.2525, -12.3179, 9.1828]$ is the 20% darker color. If you saturate the color by 10%, you get $[30.8899, -18.2344, 18.7150]$, and if you desaturate by 10%, it is $[31.1148, -17.2667, 18.3394]$.

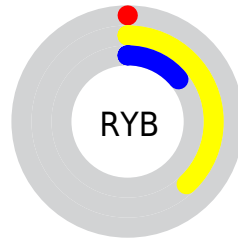
Distribution



Red (24%)

Green (38%)

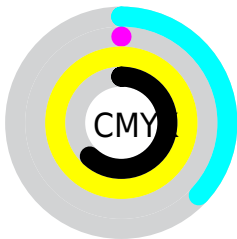
Blue (0%)



Red (0%)

Yellow (38%)

Blue (14%)

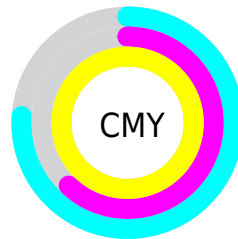


Cyan (37%)

Magenta (0%)

Yellow (100%)

Black (62%)



Cyan (76%)

Magenta (62%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.8893, -18.2332, 18.7146 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 30.8893, -18.2332, 18.7146 by changing the saturation by 10% instead.

■ 30.8893, -18.2332,
18.7146

■ 30.8893, -18.2332,
18.7146

■ 136.8834,
-36.7308, 46.2991

■ 22.5750, -15.7181,
15.2005

■ 49.9302, -22.7975,
25.8468

■ 15.1785, -12.9413,
10.6250

■ 60.5324, -24.9292,
29.1095

■ 8.8077, -13.9336,
6.1654

■ 71.7942, -26.9935,
32.2209

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 83.6788, -29.0061,
35.2089

0.0000, NaN, NaN

■ 96.1553, -30.9784,
38.0953

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 109.1968,


-32.9191, 40.8971


0.0000, NaN, NaN


 122.7797,
-34.8348, 43.6280


 30.8893, -18.2332,
18.7146


 30.8893, -18.2332,
18.7146


 30.8899, -18.2344,
18.7150

 31.1148, -17.2667,
18.3394

 31.3598, -16.2091,
17.8405

 31.6372, -14.9922,
17.0409

 31.9486, -13.6096,
15.9173

 32.2951, -12.0587,
14.4541

■ 32.6778, -10.3393,
12.6418

■ 33.0970, -8.4534,
10.4760

■ 33.5530, -6.4050,
7.9567

■ 34.0459, -4.1995,
5.0879

Harmonies

Analogous

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



30.8900, -2.9627, 19.9171



30.8893, -18.2332, 18.7146



30.8900, -27.0102, 13.5846

Triad

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



30.8900, -18.2339, 18.7147



30.8900, -16.4249, -44.9665



30.8900, 41.9570, 2.9145

Complementary

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



30.8893, -18.2332, 18.7146



11.1285, 26.8108, -52.9291

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.



30.8900, 36.0222, -18.3909



30.8893, -18.2332, 18.7146



30.8900, -0.3148, -53.9461

Square

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



30.8900, -18.2339, 18.7147



30.8900, -26.1494, -21.9625



30.8900, 19.3948, -42.1924



30.8900, 34.1358, 14.7171

Rectangle

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



30.8893, -18.2332, 18.7146



30.8900, -29.3484, 5.9090



30.8900, 19.3948, -42.1924



30.8900, 41.5022, -3.2436

Sweetspot

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



30.8900, -18.2339, 18.7147



43.2807, -11.2926, 13.9827



19.4357, 16.9412, 12.2723



21.4852, -5.9924, 7.3955



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.



30.8900, -18.2339, 18.7147



40.3714, -24.1531, 24.4539



29.3852, -24.4534, 17.6786



17.1052, -1.9779, 2.3803



35.9935, -21.4193, 21.8041



82.8837, -50.7521, 50.1841

Inverse Universe

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



11.1285, 26.8108, -52.9291



14.3842, 34.9179, -70.4291



16.5869, 33.6071, -29.6179



15.9884, 0.2537, -0.6946



12.8807, 31.1751, -62.3471



28.9756, 71.2717, -149.1053

Previews

White Background



This preview shows how the HunterLab color 30.8893, -18.2332, 18.7146 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

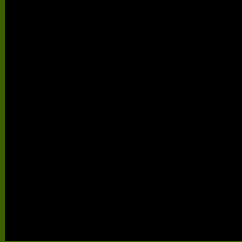
Any Text WCAG AA × Fail

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 30.8893, -18.2332, 18.7146 Background



This preview shows how black text looks on a background with the HunterLab color 30.8893, -18.2332, 18.7146.



This preview shows how white text looks on a background with the HunterLab color 30.8893,

-18.2332, 18.7146.

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

30.8893, -18.2332, 18.7146

Protanopia

30.6807, -4.5572, 18.8255

Deuteranopia

30.6539, 2.0549, 17.7331



Tritanopia

30.8464, -5.3010, -2.8230

Trichromacy



Original Color

30.8893, -18.2332, 18.7146

Protanomaly

30.6814, -10.1318, 18.7283

Deuteranomaly

30.1964, -6.2144, 17.8152

Tritanomaly

30.6101, -12.1729, 9.8212

Monochromacy



Original Color

30.8893, -18.2332, 18.7146

Achromatopsia

26.5255, -1.4153, 1.4412

Achromatomaly

27.7525, -8.9946, 10.9695

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.8893, -18.2332, 18.7146 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(61, 97, 0)` looks like.

```
.text, #text, p{  
    color:rgb(61, 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(61, 97, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 97, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 30.8893, -18.2332, 18.7146 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(61, 97, 0) }
```


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

```
.border{ border-color:rgb(61, 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(61, 97, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 97, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(61, 97, 0); box-shadow:4px  
4px 4px 4px rgb(61, 97, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.8893, -18.2332, 18.7146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 97, 0) }
```

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

```
.background{ background-color: rgb(61, 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