

Converting Colors

HunterLab(33.6985, -18.3946,
6.6062)

Have a look what the booklet for
HunterLab(33.6985, -18.3946,
6.6062) contains.

HunterLab(33.8196, -18.6599, 6.8654)	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(33.8196,
-18.6599, 6.8654)**

Conversions

Conversions Part 1

Format	Color
Hex	2C6A51
RGB	44, 106, 81
RGB Percent	17%, 42%, 32%
CMY	0.8274, 0.5843, 0.6823
CMYK	0.58, 0.00, 0.24, 0.58
HSL	156°, 41%, 29%
HSV	156°, 58%, 42%
XYZ	7.6780, 11.4377, 9.5876
YIQ	84.6120, -28.9270, -20.9190

Conversions

Conversions Part 2

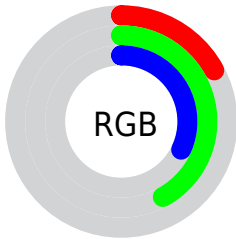
Format	Color
RYB	44, 83, 106
Decimal	2910801
CIELab	40.31, -26.57, 8.11
CIElCh	40, 27.774, 163.032
Yxy	11.4381, 0.2675, 0.3985
Android (android.graphics.Color)	4281100881 (0xFF2C6A51)
YUV	84.6120, -1.7807, -35.6167
Hunter-Lab	33.8196, -18.6599, 6.8654

Details

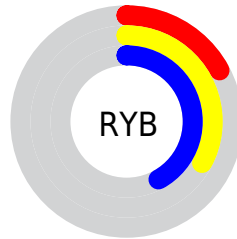
The HunterLab color **33.8196, -18.6599, 6.8654** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **23.0120, 21.1563, 0.0428**, and the grayscale version is **30.0129, -1.6014, 1.6307**.

A 20% lighter version of the original color is **53.4343, -23.0912, 9.0882**, and **17.7581, -12.6668, 5.1481** is the 20% darker color. If you saturate the color by 10%, you get **33.4223, -20.4398, 7.8710**, and if you desaturate by 10%, it is **34.3071, -16.5469, 5.8980**.

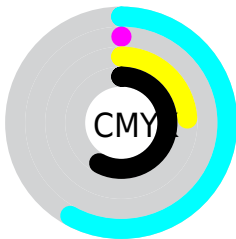
Distribution



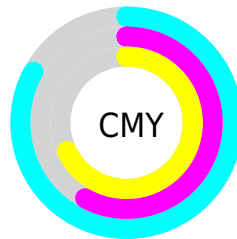
- Red (17%)
- Green (42%)
- Blue (32%)



- Red (17%)
- Yellow (33%)
- Blue (42%)



- Cyan (58%)
- Magenta (0%)
- Yellow (24%)
- Black (58%)



- Cyan (83%)
- Magenta (58%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.8196, -18.6599, 6.8654 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 33.8196, -18.6599, 6.8654 by changing the saturation by 10% instead.

■ 33.8196, -18.6599,
6.8654

■ 33.8196, -18.6599,
6.8654

141.6507,
-36.6745, 16.2454

■ 25.2237, -16.2603,
5.8459

■ 53.3550, -23.0590,
8.8863

■ 17.5118, -13.6418,
4.8005

■ 64.1794, -25.1278,
9.9019

■ 10.8010, -11.6927,
3.8504

■ 75.6505, -27.1376,
10.9264

■ 1.8489, -3.2355,
1.2942

■ 87.7338, -29.1020,
11.9624

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.3995,
-31.0310, 13.0112

0.0000, NaN, NaN

■ 113.6222,

0.0000, NaN, NaN

-32.9323, 14.0742

0.0000, NaN, NaN

127.3793,
-34.8119, 15.1521

■ 33.8196, -18.6599,
6.8654

■ 33.8196, -18.6599,
6.8654

■ 33.4223, -20.4398,
7.8710

■ 34.3071, -16.5469,
5.8980

■ 33.1091, -21.8864,
8.9006

■ 34.8852, -14.1077,
4.9795

■ 32.8750, -23.0120,
9.9401

■ 35.5555, -11.3582,
4.1204

■ 32.6923, -23.9223,
10.9555

■ 36.3178, -8.3196,
3.3288

■ 32.6654, -24.0568,
11.1028

■ 37.1709, -5.0168,
2.6110

■ 38.1129, -1.4769,
1.9712

■ 39.1411, 2.2720,
1.4118

■ 40.2525, 6.2024,
0.9337

■ 41.4434, 10.2881,
0.5362

Harmonies

Analogous

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



33.8203, -14.2262, 12.8736



33.8196, -18.6599, 6.8654



33.8203, -18.9374, -2.6628

Triad

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



33.8203, -18.6603, 6.8658



33.8203, 2.7510, -21.9759



33.8203, 13.8307, 12.2942

Complementary

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



33.8196, -18.6599, 6.8654



23.0120, 21.1563, 0.0428

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.



33.8203, 19.6037, 5.7996



33.8196, -18.6599, 6.8654



33.8203, 12.7129, -14.9206

Square

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



33.8203, -18.6603, 6.8658



33.8203, -7.3654, -21.4333



33.8203, 19.1718, -4.0971



33.8203, 4.1366, 15.3068

Rectangle

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



33.8196, -18.6599, 6.8654



33.8203, -16.7872, -10.0492



33.8203, 19.1718, -4.0971



33.8203, 16.3432, 10.5452

Sweetspot

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



33.8203, -18.6603, 6.8658



48.1111, -11.0248, 4.4107



34.3312, -17.8462, 16.7268



23.1730, -5.7792, 2.2424



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



33.8203, -18.6603, 6.8658



44.1208, -27.7872, 10.8944



32.9418, -12.7917, -4.4685



18.6340, -2.6009, 1.3270



36.3797, -26.8562, 12.5035



82.0133, -61.2809, 29.7784

Inverse Universe

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



23.0120, 21.1563, 0.0428



27.5081, 34.2058, 1.1166



23.3601, 16.4609, 8.6341



17.7063, 0.7256, 0.6839



20.0260, 35.3320, 4.9020



45.0243, 79.0941, 13.6784

Previews

White Background



This preview shows how the HunterLab color 33.8196, -18.6599, 6.8654 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 × Fail

Black Background



This preview shows how the HunterLab color 33.8196, -18.6599, 6.8654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

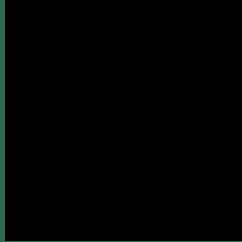
Any Text WCAG AA × Fail

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 33.8196, -18.6599, 6.8654 Background



This preview shows how black text looks on a background with the HunterLab color 33.8196, -18.6599, 6.8654.



This preview shows how white text looks on a background with the HunterLab color 33.8196,

-18.6599, 6.8654.

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

33.8196, -18.6599, 6.8654

Protanopia

33.5003, -2.5280, 8.8174

Deuteranopia

33.5381, 2.0076, 5.8734



Tritanopia

33.7828, -11.1057, -5.2676

Trichromacy



Original Color

33.8196, -18.6599, 6.8654

Protanomaly

33.1310, -9.4065, 7.6857

Deuteranomaly

32.9774, -6.8282, 5.4877

Tritanomaly

33.5849, -14.0341, -0.3900

Monochromacy



Original Color

33.8196, -18.6599, 6.8654

Achromatopsia

30.1400, -1.6082, 1.6376

Achromatomaly

31.2584, -8.7880, 3.1983

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.8196, -18.6599, 6.8654 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(44, 106, 81)` looks like.

```
.text, #text, p{  
    color:rgb(44, 106, 81)  
}
```

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(44, 106, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 106, 81) }
```

Border

The CSS property to change the border of an element to HunterLab 33.8196, -18.6599, 6.8654 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(44, 106, 81) }
```


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

```
.border{ border-color:rgb(44, 106, 81) }
```

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

Here you see how a box with a 4 pixel rgb(44, 106, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 106, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 106, 81);  
box-shadow:4px 4px 4px 4px rgb(44, 106,  
81) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.8196, -18.6599, 6.8654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 106, 81) }
```

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

```
.background{ background-color: rgb(44, 106,  
81) }
```

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