

Converting Colors

HunterLab(36.0726, -18.5105,
13.2389)

Have a look what the booklet for
HunterLab(36.0726, -18.5105,
13.2389) contains.

HunterLab(36.0103, -18.3448, 13.1251)	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(36.0103,
-18.3448, 13.1251)**

Conversions

Conversions Part 1

Format	Color
Hex	436F43
RGB	67, 111, 67
RGB Percent	26%, 44%, 26%
CMY	0.7373, 0.5647, 0.7372
CMYK	0.40, 0.00, 0.40, 0.56
HSL	120°, 25%, 35%
HSV	120°, 40%, 44%
XYZ	9.0123, 12.9674, 7.3382
YIQ	92.8280, -12.1000, -23.0120

Conversions

Conversions Part 2

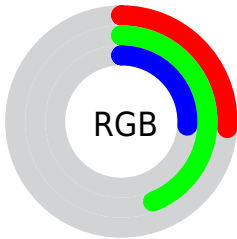
Format	Color
RYB	67, 111, 111
Decimal	4419395
CIELab	42.71, -25.08, 19.84
CIELCh	43, 31.978, 141.650
Yxy	12.9680, 0.3074, 0.4423
Android (android.graphics.Color)	4282609475 (0xFF436F43)
YUV	92.8280, -12.7332, -22.6512
Hunter-Lab	36.0103, -18.3448, 13.1251

Details

The HunterLab color **36.0103, -18.3448, 13.1251** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **29.2263, 18.6772, -12.1735**, and the grayscale version is **33.0708, -1.7646, 1.7968**.

A 20% lighter version of the original color is **55.8903, -22.4810, 16.5177**, and **19.3532, -13.7465, 9.2013** is the 20% darker color. If you saturate the color by 10%, you get **35.3438, -21.3403, 15.1500**, and if you desaturate by 10%, it is **36.8033, -14.8687, 10.7754**.

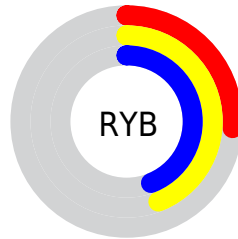
Distribution



Red (26%)

Green (44%)

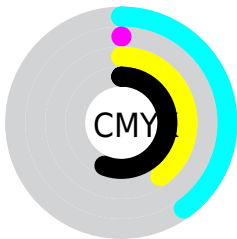
Blue (26%)



Red (26%)

Yellow (44%)

Blue (44%)

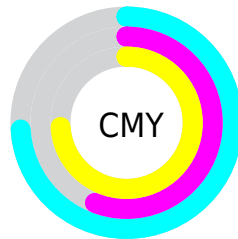


Cyan (40%)

Magenta (0%)

Yellow (40%)

Black (56%)



Cyan (74%)

Magenta (56%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.0103, -18.3448, 13.1251 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 36.0103, -18.3448, 13.1251 by changing the saturation by 10% instead.

■ 36.0103, -18.3448,
13.1251

■ 36.0103, -18.3448,
13.1251

145.1593,
-35.5421, 28.0160

■ 27.2149, -16.0999,
11.2227

■ 55.8983, -22.4989,
16.6687

■ 19.2811, -13.6726,
9.1768

■ 66.8818, -24.4653,
18.3576

■ 12.3161, -11.0356,
7.9209

■ 78.5032, -26.3821,
20.0113

■ 5.4823, -9.5941,
3.8376

■ 90.7291, -28.2609,
21.6394

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 103.5312,
-30.1103, 23.2491

0.0000, NaN, NaN

116.8844,

0.0000, NaN, NaN

-31.9370, 24.8457

0.0000, NaN, NaN

130.7669,
-33.7462, 26.4336

■ 36.0103, -18.3448,
13.1251

■ 36.0103, -18.3448,
13.1251

■ 35.3438, -21.3403,
15.1500

■ 36.8033, -14.8687,
10.7754

■ 34.8004, -23.8268,
16.8311

■ 37.7198, -10.9476,
8.1254

■ 34.3776, -25.7928,
18.1605

■ 38.7581, -6.6266,
5.2058

■ 34.0692, -27.2440,
19.1418

■ 39.9144, -1.9538,
2.0490

■ 33.8664, -28.2072,
19.7932

■ 41.1841, 3.0221,
-1.3119

■ 33.7236, -28.8891,
20.2543

■ 42.5620, 8.2544,
-4.8451

■ 33.7185, -28.9136,
20.2709

■ 44.0423, 13.7000,
-8.5215

■ 45.6193, 19.3200,
-12.3148

■ 47.2871, 25.0807,
-16.2022

Harmonies

Analogous

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



36.0111, -10.0756, 17.0132



36.0103, -18.3448, 13.1251



36.0111, -22.0920, 5.0150

Triad

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



36.0111, -18.3454, 13.1254



36.0111, -5.2253, -27.3593



36.0111, 22.2291, 9.1777

Complementary

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



36.0103, -18.3448, 13.1251



29.2263, 18.6772, -12.1735

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.



36.0111, 23.9744, -1.3882



36.0103, -18.3448, 13.1251



36.0111, 7.0254, -25.1169

Square

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



36.0111, -18.3454, 13.1254



36.0111, -15.1958, -19.9507



36.0111, 18.0981, -14.5634



36.0111, 13.6021, 15.3108

Rectangle

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



36.0103, -18.3448, 13.1251



36.0111, -21.9144, -2.7783



36.0111, 18.0981, -14.5634



36.0111, 23.6816, 6.1312

Sweetspot

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



36.0111, -18.3454, 13.1254



51.4744, -10.4695, 8.0485



38.9285, -7.3525, 15.7710



25.1655, -5.3990, 4.1256



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



36.0111, -18.3454, 13.1254



47.3217, -28.4334, 20.1897



36.4472, -15.7739, 6.8073



19.3990, -3.1687, 2.5049



36.6018, -31.3860, 22.0043



81.6920, -70.0508, 49.1118

Inverse Universe

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



29.2263, 18.6772, -12.1735



36.3568, 31.7820, -20.9564



28.4874, 15.1012, -1.8530



18.5835, 1.2357, -0.5049



23.0970, 45.4093, -30.4622



51.5505, 101.3497, -67.9889

Previews

White Background



This preview shows how the HunterLab color 36.0103, -18.3448, 13.1251 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 36.0103, -18.3448, 13.1251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

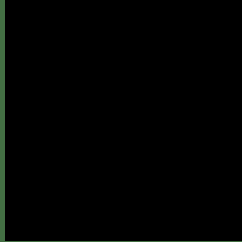
Any Text WCAG AA × Fail

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 36.0103, -18.3448, 13.1251 Background



This preview shows how black text looks on a background with the HunterLab color 36.0103, -18.3448, 13.1251.



This preview shows how white text looks on a background with the HunterLab color 36.0103,

-18.3448, 13.1251.

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

36.0103, -18.3448, 13.1251

Protanopia

35.7606, -3.2579, 14.1817

Deuteranopia

35.7785, 2.4151, 12.4868



Tritanopia

35.8532, -7.6331, -4.3670

Trichromacy



Original Color

36.0103, -18.3448, 13.1251

Protanomaly

35.5675, -9.5886, 13.6630

Deuteranomaly

35.3606, -5.8752, 12.2459

Tritanomaly

35.7700, -11.8818, 3.0878

Monochromacy



Original Color

36.0103, -18.3448, 13.1251

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

34.1164, -8.3581, 6.2996

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.0103, -18.3448, 13.1251 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(67, 111, 67)` looks like.

```
.text, #text, p{  
    color:rgb(67, 111, 67)  
}
```

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(67, 111, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 111, 67) }
```

Border

The CSS property to change the border of an element to HunterLab 36.0103, -18.3448, 13.1251 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(67, 111, 67) }
```


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

```
.border{ border-color:rgb(67, 111, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 111, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 111, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 111, 67);  
box-shadow:4px 4px 4px 4px rgb(67, 111,  
67) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.0103, -18.3448, 13.1251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 111, 67) }
```

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

```
.background{ background-color: rgb(67, 111,  
67) }
```

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