

Converting Colors

HunterLab(36.7649, -15.3099,
13.0419)

Have a look what the booklet for
HunterLab(36.7649, -15.3099,
13.0419) contains.

HunterLab(36.7649, -15.3099, 13.0419)	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(36.7649,
-15.3099, 13.0419)**

Conversions

Conversions Part 1

Format	Color
Hex	506F46
RGB	80, 111, 70
RGB Percent	31%, 44%, 27%
CMY	0.6863, 0.5647, 0.7255
CMYK	0.28, 0.00, 0.37, 0.56
HSL	105°, 23%, 35%
HSV	105°, 37%, 44%
XYZ	10.0982, 13.5166, 7.8711
YIQ	97.0570, -5.3150, -19.3230

Conversions

Conversions Part 2

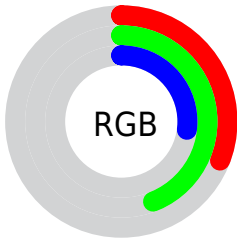
Format	Color
RYB	70, 111, 101
Decimal	5271366
CIELab	43.53, -19.79, 19.33
CIELCh	44, 27.661, 135.678
Yxy	13.5172, 0.3207, 0.4293
Android (android.graphics.Color)	4283461446 (0xFF506F46)
YUV	97.0570, -13.3391, -14.9590
Hunter-Lab	36.7649, -15.3099, 13.0419

Details

The HunterLab color $36.7649, -15.3099, 13.0419$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $28.8012, 14.2195, -12.9644$, and the grayscale version is $34.6460, -1.8486, 1.8824$.

A 20% lighter version of the original color is $56.8086, -18.8731, 16.4596$, and $19.8820, -11.5301, 9.1350$ is the 20% darker color. If you saturate the color by 10%, you get $36.1204, -18.1668, 15.1695$, and if you desaturate by 10%, it is $37.4954, -12.1287, 10.5511$.

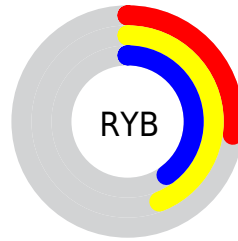
Distribution



Red (31%)

Green (44%)

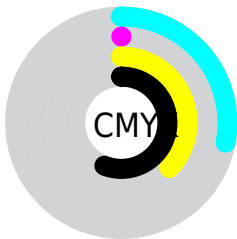
Blue (27%)



Red (27%)

Yellow (44%)

Blue (40%)

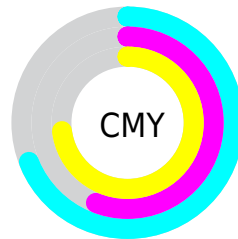


Cyan (28%)

Magenta (0%)

Yellow (37%)

Black (56%)



Cyan (69%)

Magenta (56%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.7649, -15.3099, 13.0419 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 36.7649, -15.3099, 13.0419 by changing the saturation by 10% instead.

■ 36.7649, -15.3099,
13.0419

■ 36.7649, -15.3099,
13.0419

146.3578,
-29.9937, 27.6617

■ 27.9027, -13.4714,
11.1893

■ 56.7713, -18.7680,
16.5050

■ 19.8949, -11.5097,
9.2031

■ 67.8083, -20.4275,
18.1600

■ 12.8458, -9.3522,
7.6996

■ 79.4803, -22.0576,
19.7827

■ 6.2534, -10.9435,
4.3774

■ 91.7544, -23.6666,
21.3823

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.6023,
-25.2605, 22.9654

0.0000, NaN, NaN

117.9996,

0.0000, NaN, NaN

-26.8441, 24.5372

0.0000, NaN, NaN

131.9245,
-28.4208, 26.1016

■ 36.7649, -15.3099,
13.0419

■ 36.7649, -15.3099,
13.0419

■ 36.1204, -18.1668,
15.1695

■ 37.4954, -12.1287,
10.5511

■ 35.5599, -20.6779,
16.9233

■ 38.3085, -8.6445,
7.7117

■ 35.0832, -22.8307,
18.3020

■ 39.2033, -4.8840,
4.5442

■ 34.6887, -24.6189,
19.3134

■ 40.1776, -0.8747,
1.0719

■ 34.3733, -26.0456,
19.9770

■ 41.2288, 3.3556,
-2.6805

■ 34.1285, -27.1491,
20.3849

■ 42.3539, 7.7800,
-6.6874

■ 34.0638, -27.4443,
20.5095

■ 43.5498, 12.3731,
-10.9238

■ 44.8133, 17.1112,
-15.3654

■ 46.1412, 21.9730,
-19.9896

Harmonies

Analogous

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



36.7657, -7.2575, 16.0971



36.7649, -15.3099, 13.0419



36.7657, -19.5381, 6.4385

Triad

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



36.7657, -15.3107, 13.0422



36.7657, -6.8217, -21.8683



36.7657, 19.5428, 6.8182

Complementary

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



36.7649, -15.3099, 13.0419



28.8012, 14.2195, -12.9644

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.



36.7657, 19.6934, -3.0689



36.7649, -15.3099, 13.0419



36.7657, 3.6477, -21.6816

Square

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



36.7657, -15.3107, 13.0422



36.7657, -15.0225, -14.5437



36.7657, 13.6091, -14.0885



36.7657, 13.2181, 13.2527

Rectangle

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



36.7649, -15.3099, 13.0419



36.7657, -19.9602, 0.0517



36.7657, 13.6091, -14.0885



36.7657, 20.3390, 3.8496

Sweetspot

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



36.7657, -15.3107, 13.0422



51.9233, -8.7736, 7.9817



36.1680, -2.6337, 12.7414



25.3908, -4.5494, 4.1221



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.



36.7657, -15.3107, 13.0422



48.4758, -23.6773, 19.8393



36.4067, -16.3107, 9.7089



19.4908, -2.8404, 2.6114



36.9614, -29.8548, 22.2528



82.2840, -67.5264, 49.5209

Inverse Universe

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



28.8012, 14.2195, -12.9644



35.6726, 24.0287, -22.3570



29.4871, 15.4882, -6.1870



18.4784, 0.8816, -0.6441



18.8609, 39.4702, -43.3955



41.5994, 87.4348, -98.6567

Previews

White Background



This preview shows how the HunterLab color 36.7649, -15.3099, 13.0419 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 36.7649, -15.3099, 13.0419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

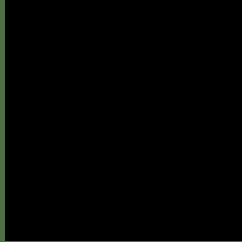
Any Text WCAG AA × Fail

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 36.7649, -15.3099, 13.0419 Background



This preview shows how black text looks on a background with the HunterLab color 36.7649, -15.3099, 13.0419.



This preview shows how white text looks on a background with the HunterLab color 36.7649,

-15.3099, 13.0419.

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

36.7649, -15.3099, 13.0419

Protanopia

36.7223, -3.8980, 13.9863

Deuteranopia

36.5431, 2.4628, 12.3339



Tritanopia

36.8093, -5.6338, -3.0592

Trichromacy



Original Color

36.7649, -15.3099, 13.0419

Protanomaly

36.6534, -8.3684, 13.5929

Deuteranomaly

36.4612, -4.6516, 12.4163

Tritanomaly

36.7312, -9.7383, 3.8110

Monochromacy



Original Color

36.7649, -15.3099, 13.0419

Achromatopsia

34.5743, -1.8448, 1.8785

Achromatomaly

35.2349, -7.0190, 6.4161

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.7649, -15.3099, 13.0419 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(80, 111, 70)` looks like.

```
.text, #text, p{  
    color:rgb(80, 111, 70)  
}
```

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(80, 111, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 111, 70) }
```

Border

The CSS property to change the border of an element to HunterLab 36.7649, -15.3099, 13.0419 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(80, 111, 70) }
```


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

```
.border{ border-color:rgb(80, 111, 70) }
```

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

Here you see how a box with a 4 pixel rgb(80, 111, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 111, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 111, 70);  
box-shadow:4px 4px 4px 4px rgb(80, 111,  
70) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.7649, -15.3099, 13.0419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 111, 70) }
```

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

```
.background{ background-color: rgb(80, 111,  
70) }
```

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](#).

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