

Converting Colors

HunterLab(36.4871, -15.9620,
21.4072)

Have a look what the booklet for
HunterLab(36.4871, -15.9620,
21.4072) contains.

HunterLab(36.4871, -15.9620, 21.4072)	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(36.4871,
-15.9620, 21.4072)**

Conversions

Conversions Part 1

Format	Color
Hex	596E10
RGB	89, 110, 16
RGB Percent	35%, 43%, 6%
CMY	0.6510, 0.5686, 0.9372
CMYK	0.19, 0.00, 0.85, 0.57
HSL	73°, 75%, 25%
HSV	73°, 85%, 43%
XYZ	9.7893, 13.3131, 2.5439
YIQ	93.0050, 17.6580, -33.6860

Conversions

Conversions Part 2

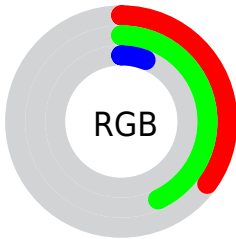
Format	Color
R_{YB}	16, 110, 37
Decimal	5860880
CIE _{Lab}	43.23, -20.94, 44.95
CIE _{LCh}	43, 49.583, 114.976
Yxy	13.3137, 0.3817, 0.5191
Android (android.graphics.Color)	4284050960 (0xFF596E10)
YUV	93.0050, -37.9635, -3.5124
Hunter-Lab	36.4871, -15.9620, 21.4072

Details

The HunterLab color $[36.4871, -15.9620, 21.4072]$ is a dark color, and the websafe version is hex 666600 . A complement of this color would be $[13.7477, 24.8024, -54.7184]$, and the grayscale version is $[33.2193, -1.7725, 1.8049]$.

A 20% lighter version of the original color is $[56.5872, -19.6944, 28.6248]$, and $[19.6890, -11.2531, 11.9353]$ is the 20% darker color. If you saturate the color by 10%, you get $[36.2873, -16.8134, 21.8309]$, and if you desaturate by 10%, it is $[36.7138, -14.9798, 20.6857]$.

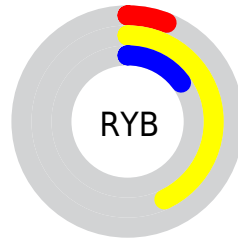
Distribution



Red (35%)

Green (43%)

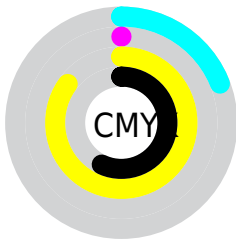
Blue (6%)



Red (6%)

Yellow (43%)

Blue (15%)

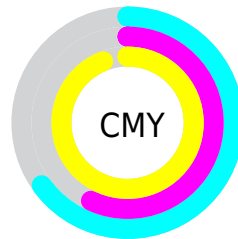


Cyan (19%)

Magenta (0%)

Yellow (85%)

Black (57%)



Cyan (65%)

Magenta (57%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.4871, -15.9620, 21.4072 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 36.4871, -15.9620, 21.4072 by changing the saturation by 10% instead.

36.4871, -15.9620,
21.4072

36.4871, -15.9620,
21.4072

145.9172,
-31.1877, 49.1875

27.6494, -14.0360,
17.5031

56.4501, -19.5706,
28.5065

19.6687, -11.9733,
13.7681

67.4676, -21.2962,
31.7796

12.6504, -9.6949,
8.8553

79.1210, -22.9881,
34.9130

5.9818, -10.4681,
4.1873

91.3774, -24.6552,
37.9313

0.0000, NaN, NaN

0.0000, NaN, NaN

104.2085,
-26.3041, 40.8539


0.0000, NaN, NaN


117.5896,


0.0000, NaN, NaN


-27.9400, 43.6963


0.0000, NaN, NaN


 131.4989,
-29.5669, 46.4708


 36.4871, -15.9620,
21.4072


 36.4871, -15.9620,
21.4072


 36.2873, -16.8134,
21.8309


 36.7138, -14.9798,
20.6857

 36.1989, -17.1876,
22.0047

 36.9697, -13.8381,
19.5969

 37.2576, -12.5293,
18.1137

 37.5791, -11.0477,
16.2168

 37.9353, -9.3905,
13.8928

■ 38.3271, -7.5569,
11.1342

■ 38.7551, -5.5481,
7.9383

■ 39.2198, -3.3670,
4.3068

■ 39.7212, -1.0179,
0.2449

Harmonies

Analogous

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



36.4879, 1.2639, 22.2988



36.4871, -15.9620, 21.4072



36.4879, -27.0363, 16.7000

Triad

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



36.4879, -15.9630, 21.4074



36.4879, -20.4272, -38.7620



36.4879, 41.3788, -1.1482

Complementary

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



36.4871, -15.9620, 21.4072



13.7477, 24.8024, -54.7184

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.



36.4879, 32.5332, -23.7017



36.4871, -15.9620, 21.4072



36.4879, -5.0541, -51.3870

Square

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



36.4879, -15.9630, 21.4074



36.4879, -29.2253, -15.6734



36.4879, 14.5629, -44.8116



36.4879, 36.8391, 13.7060

Rectangle

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



36.4871, -15.9620, 21.4072



36.4879, -30.6579, 9.8078



36.4879, 14.5629, -44.8116



36.4879, 39.8278, -8.0743

Sweetspot

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



36.4879, -15.9630, 21.4074



50.7233, -10.3288, 15.2404



21.5334, 21.7223, 12.2989



24.4042, -5.2851, 7.8140



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



36.4879, -15.9630, 21.4074



47.9140, -22.9963, 29.1218



34.1989, -25.1340, 19.7830



19.6990, -2.1010, 2.8515



39.6582, -18.9019, 24.1063



88.2910, -43.0578, 53.6507

Inverse Universe

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



13.7477, 24.8024, -54.7184



15.1086, 38.9596, -91.6745



18.3096, 32.3011, -35.9240



18.2568, 0.1288, -0.9400



12.5795, 32.2935, -75.2091



27.4897, 71.5837, -172.2089

Previews

White Background



This preview shows how the HunterLab color 36.4871, -15.9620, 21.4072 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 36.4871, -15.9620, 21.4072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

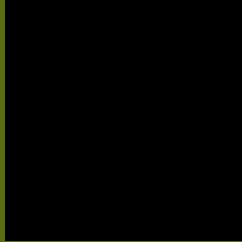
Any Text WCAG AA × Fail

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 36.4871, -15.9620, 21.4072 Background



This preview shows how black text looks on a background with the HunterLab color 36.4871, -15.9620, 21.4072.



This preview shows how white text looks on a background with the HunterLab color 36.4871, -15.9620, 21.4072.

-15.9620, 21.4072.

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

36.4871, -15.9620, 21.4072

Protanopia

36.3033, -5.0153, 21.6036

Deuteranopia

36.3439, 1.9767, 20.9292



Tritanopia

36.3665, -1.7819, -1.6730

Trichromacy



Original Color

36.4871, -15.9620, 21.4072

Protanomaly

36.3343, -9.1440, 21.4915

Deuteranomaly

36.2465, -5.1455, 21.0032

Tritanomaly

36.1356, -8.5280, 10.8986

Monochromacy



Original Color

36.4871, -15.9620, 21.4072

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

34.0303, -7.9937, 12.1163

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.4871, -15.9620, 21.4072 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(89, 110, 16)` looks like.

```
.text, #text, p{  
    color:rgb(89, 110, 16)  
}
```

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(89, 110, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 110, 16) }
```

Border

The CSS property to change the border of an element to HunterLab 36.4871, -15.9620, 21.4072 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(89, 110, 16) }
```


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

```
.border{ border-color:rgb(89, 110, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 110, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 110, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 110, 16);  
box-shadow:4px 4px 4px 4px rgb(89, 110,  
16) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.4871, -15.9620, 21.4072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 110, 16) }
```

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

```
.background{ background-color: rgb(89, 110,  
16) }
```

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