

Converting Colors

HunterLab(36.9348, -15.9606,
9.0399)

Have a look what the booklet for
HunterLab(36.9348, -15.9606,
9.0399) contains.

| | |
|---|----|
| HunterLab(36.8865, -15.8360, 8.9703) | 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(36.8865,
-15.8360, 8.9703)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 487054 |
| RGB | 72, 112, 84 |
| RGB Percent | 28%, 44%, 33% |
| CMY | 0.7176, 0.5608, 0.6706 |
| CMYK | 0.36, 0.00, 0.25, 0.56 |
| HSL | 138°, 22%, 36% |
| HSV | 138°, 36%, 44% |
| XYZ | 10.0669, 13.6061, 10.4832 |
| YIQ | 96.8480, -14.8520, -17.1880 |

Conversions

Conversions Part 2

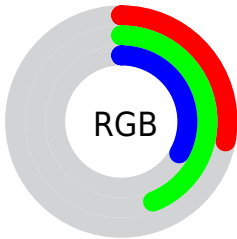
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 72, 103, 112 |
| Decimal | 4747348 |
| CIE _{Lab} | 43.66, -20.60, 11.20 |
| CIE _{LCh} | 44, 23.448, 151.464 |
| Yxy | 13.6067, 0.2947, 0.3984 |
| Android (android.graphics.Color) | 4282937428 (0xFF487054) |
| YUV | 96.8480, -6.3341, -21.7917 |
| Hunter-Lab | 36.8865, -15.8360, 8.9703 |

Details

The HunterLab color $36.8865, -15.8360, 8.9703$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $29.9998, 14.7367, -5.0854$, and the grayscale version is $34.5451, -1.8432, 1.8769$.

A 20% lighter version of the original color is $56.9295, -19.3447, 11.2516$, and $20.0498, -11.9353, 6.4696$ is the 20% darker color. If you saturate the color by 10%, you get $36.1921, -18.8654, 10.7219$, and if you desaturate by 10%, it is $37.6921, -12.4269, 7.1383$.

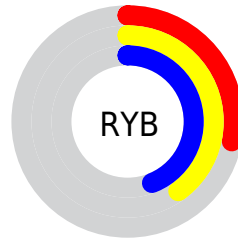
Distribution



Red (28%)

Green (44%)

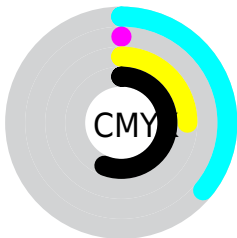
Blue (33%)



Red (28%)

Yellow (40%)

Blue (44%)

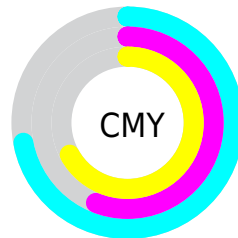


Cyan (36%)

Magenta (0%)

Yellow (25%)

Black (56%)



Cyan (72%)

Magenta (56%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.8865, -15.8360, 8.9703 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 36.8865, -15.8360, 8.9703 by changing the saturation by 10% instead.

■ 36.8865, -15.8360,
8.9703

■ 36.8865, -15.8360,
8.9703

146.5504,
-30.8937, 19.7708

■ 28.0136, -13.9391,
7.7343

■ 56.9118, -19.3957,
11.3736

■ 19.9940, -11.9117,
6.4488

■ 67.9574, -21.1006,
12.5612

■ 12.9315, -9.6781,
5.0912

■ 79.6375, -22.7734,
13.7479

■ 6.3685, -11.1448,
4.4579

■ 91.9192, -24.4227,
14.9375

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.7745,
-26.0550, 16.1327

0.0000, NaN, NaN

118.1789,

0.0000, NaN, NaN

-27.6752, 17.3358

0.0000, NaN, NaN

132.1106,
-29.2871, 18.5481

■ 36.8865, -15.8360,
8.9703

■ 36.8865, -15.8360,
8.9703

■ 36.1921, -18.8654,
10.7219

■ 37.6921, -12.4269,
7.1383

■ 35.6063, -21.4870,
12.3722

■ 38.6054, -8.6688,
5.2441

■ 35.1282, -23.6843,
13.9030

■ 39.6248, -4.5990,
3.3068

■ 34.7539, -25.4516,
15.2973

■ 40.7470, -0.2554,
1.3436

■ 34.4774, -26.7974,
16.5411

■ 41.9682, 4.3242,
-0.6306

■ 34.2828, -27.7771,
17.6174

■ 43.2840, 9.1039,
-2.6030

■ 34.2082, -28.1522,
18.0153

■ 44.6898, 14.0507,
-4.5630

■ 46.1807, 19.1348,
-6.5022

■ 47.7520, 24.3303,
-8.4143

Harmonies

Analogous

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



36.8873, -10.4869, 13.3723



36.8865, -15.8360, 8.9703



36.8873, -17.5706, 1.5894

Triad

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



36.8873, -15.8366, 8.9707



36.8873, -1.5318, -18.2624



36.8873, 13.7963, 9.5365

Complementary

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



36.8865, -15.8360, 8.9703



29.9998, 14.7367, -5.0854

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.



36.8873, 16.7499, 2.4215



36.8865, -15.8360, 8.9703



36.8873, 7.3970, -14.7578

Square

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



36.8873, -15.8366, 8.9707



36.8873, -9.7968, -15.3543



36.8873, 14.3055, -6.6491



36.8873, 6.5688, 13.6403

Rectangle

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



36.8865, -15.8360, 8.9703



36.8873, -16.5878, -4.4617



36.8873, 14.3055, -6.6491



36.8873, 15.3511, 7.4834

Sweetspot

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



36.8873, -15.8366, 8.9707



51.7485, -9.1499, 5.8196



38.4764, -10.2996, 14.0811



25.2984, -4.7493, 2.9791



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.



36.8873, -15.8366, 8.9707



48.1056, -24.4019, 13.8504



37.3532, -13.1271, 2.2788



19.4375, -2.9538, 1.9534



36.7750, -30.3007, 19.4451



81.9957, -68.1468, 44.6218

Inverse Universe

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



29.9998, 14.7367, -5.0854



37.0635, 24.8398, -8.6284



29.4429, 11.9657, 2.8072



18.5398, 1.0012, 0.1157



21.4961, 39.7828, -9.1331



47.8128, 88.2030, -18.1117

Previews

White Background



This preview shows how the HunterLab color 36.8865, -15.8360, 8.9703 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 36.8865, -15.8360, 8.9703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

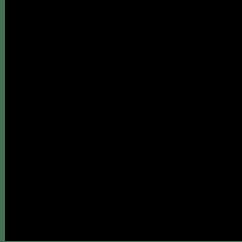
Any Text WCAG AA × Fail

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 36.8865, -15.8360, 8.9703 Background



This preview shows how black text looks on a background with the HunterLab color 36.8865, -15.8360, 8.9703.



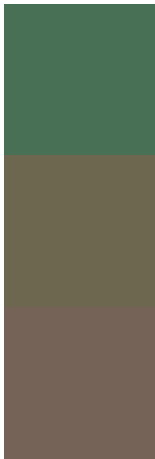
This preview shows how white text looks on a background with the HunterLab color 36.8865,

-15.8360, 8.9703.

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

36.8865, -15.8360, 8.9703

Protanopia

36.8710, -2.9023, 10.4648

Deuteranopia

36.6924, 2.2085, 8.0784



Tritanopia

36.9437, -7.9304, -3.8917

Trichromacy



Original Color

36.8865, -15.8360, 8.9703

Protanomaly

36.5909, -8.1141, 9.7914

Deuteranomaly

36.5229, -5.2823, 8.1205

Tritanomaly

36.7059, -10.9964, 1.2708

Monochromacy



Original Color

36.8865, -15.8360, 8.9703

Achromatopsia

34.5743, -1.8448, 1.8785

Achromatomaly

35.1428, -7.1128, 4.4479

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.8865, -15.8360, 8.9703 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(72, 112, 84)` looks like.

```
.text, #text, p{  
    color:rgb(72, 112, 84)  
}
```

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(72, 112, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 112, 84) }
```

Border

The CSS property to change the border of an element to HunterLab 36.8865, -15.8360, 8.9703 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(72, 112, 84) }
```


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

```
.border{ border-color:rgb(72, 112, 84) }
```

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

Here you see how a box with a 4 pixel rgb(72, 112, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 112, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 112, 84);  
box-shadow:4px 4px 4px 4px rgb(72, 112,  
84) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.8865, -15.8360, 8.9703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 112, 84) }
```

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

```
.background{ background-color: rgb(72, 112,  
84) }
```

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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