

Converting Colors

HunterLab(37.1834, -4.6350,
-15.1295)

Have a look what the booklet for
HunterLab(37.1834, -4.6350,
-15.1295) contains.

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Color

**HunterLab(37.0648, -4.5651,
-15.0991)**

Conversions

Conversions Part 1

Format	Color
Hex	496B89
RGB	73, 107, 137
RGB Percent	29%, 42%, 54%
CMY	0.7137, 0.5804, 0.4627
CMYK	0.47, 0.22, 0.00, 0.46
HSL	208°, 30%, 41%
HSV	208°, 47%, 54%
XYZ	12.5207, 13.7380, 25.6587
YIQ	100.2540, -29.8940, 2.1220

Conversions

Conversions Part 2

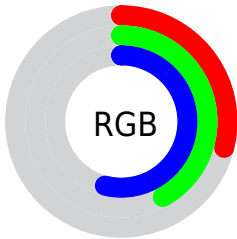
Format	Color
R_{YB}	73, 95, 137
Decimal	4811657
CIE Lab	43.86, -3.59, -20.34
CIE LCh	44, 20.649, 260.001
Yxy	13.7385, 0.2412, 0.2646
Android (android.graphics.Color)	4283001737 (0xFF496B89)
YUV	100.2540, 18.1158, -23.9018
Hunter-Lab	37.0648, -4.5651, -15.0991

Details

The HunterLab color **37.0648, -4.5651, -15.0991** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **39.3704, 5.3198, 14.8598**, and the grayscale version is **35.7367, -1.9068, 1.9416**.

A 20% lighter version of the original color is **57.0363, -5.9930, -15.5995**, and **20.1707, -3.2224, -14.1315** is the 20% darker color. If you saturate the color by 10%, you get **34.5995, -4.0575, -19.3073**, and if you desaturate by 10%, it is **39.6524, -4.7003, -11.0368**.

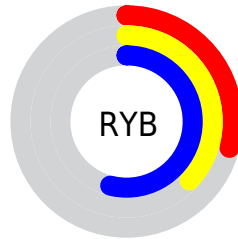
Distribution



Red (29%)

Green (42%)

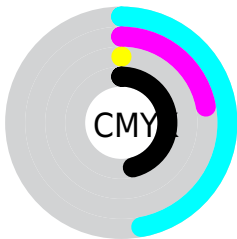
Blue (54%)



Red (29%)

Yellow (37%)

Blue (54%)

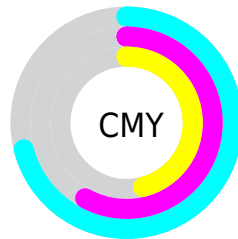


Cyan (47%)

Magenta (22%)

Yellow (0%)

Black (46%)



Cyan (71%)

Magenta (58%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.0648, -4.5651, -15.0991 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 37.0648, -4.5651, -15.0991 by changing the saturation by 10% instead.

■ 37.0648, -4.5651,
-15.0991

■ 37.0648, -4.5651,
-15.0991

146.8325,
-11.9679, -16.1975

■ 28.1763, -3.8580,
-14.6712

■ 57.1177, -6.0476,
-15.7617

■ 20.1394, -3.1707,
-14.1994

■ 68.1758, -6.8240,
-15.9951

■ 13.0572, -2.4979,
-13.7460

■ 79.8677, -7.6241,
-16.1661

■ 6.5333, -2.7404,
-15.4978

■ 92.1608, -8.4475,
-16.2781

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 105.0268, -9.2939,
-16.3343

0.0000, NaN, NaN

118.4415,

0.0000, NaN, NaN

-10.1631, -16.3377

0.0000, NaN, NaN

132.3831,
-11.0546, -16.2912

■ 37.0648, -4.5651,
-15.0991

■ 37.0648, -4.5651,
-15.0991

■ 34.5995, -4.0575,
-19.3073

■ 39.6524, -4.7003,
-11.0368

■ 32.2667, -3.1320,
-23.6607

■ 42.3490, -4.5065,
-7.1185

■ 30.0797, -1.7466,
-28.1458

■ 45.1450, -4.0240,
-3.3350

■ 28.0507, 0.1297,
-32.7377

■ 48.0314, -3.2886,
0.3244

■ 26.1779, 2.4692,
-37.4297

■ 51.0005, -2.3315,
3.8715

■ 25.5786, 3.2749,
-39.0406

■ 54.0453, -1.1796,
7.3179

■ 57.1597, 0.1439,
10.6748

■ 60.3385, 1.6193,
13.9527

■ 63.5770, 3.2299,
17.1611

Harmonies

Analogous

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



37.0655, -11.1945, -10.7585



37.0648, -4.5651, -15.0991



37.0655, 3.3274, -14.1767

Triad

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



37.0655, -4.5652, -15.0984



37.0655, 13.3029, 6.6018



37.0655, -12.8519, 10.1137

Complementary

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



37.0648, -4.5651, -15.0991



39.3704, 5.3198, 14.8598

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.



37.0655, -7.0041, 13.1361



37.0648, -4.5651, -15.0991



37.0655, 8.2337, 11.4204

Square

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



37.0655, -4.5652, -15.0984



37.0655, 14.0932, -0.5641



37.0655, 0.6787, 13.5587



37.0655, -15.7085, 4.4260

Rectangle

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



37.0648, -4.5651, -15.0991



37.0655, 8.2340, -10.7582



37.0655, 0.6787, 13.5587



37.0655, -11.1948, 11.4203

Sweetspot

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



37.0655, -4.5652, -15.0984



61.3316, -5.1775, -3.2708



45.0386, -22.7959, 10.5067



28.7051, -2.5299, -1.9916



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



37.0655, -4.5652, -15.0984



46.1338, -5.3795, -26.1366



28.7634, 10.4099, -30.8789



23.0289, -1.6985, -0.2722



24.7356, 3.0709, -37.5466



2.6456, -0.7605, -1.6652

Inverse Universe

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



33.3848, 23.6668, -3.7185



40.8733, 39.3034, -5.6069



48.0525, -9.1860, 21.6709



22.5612, 1.1578, 0.5300



23.2419, 41.7293, 0.0826



1.9710, 3.6766, -1.0615

Previews

White Background



This preview shows how the HunterLab color 37.0648, -4.5651, -15.0991 looks on a white background.

Color Contrast Check

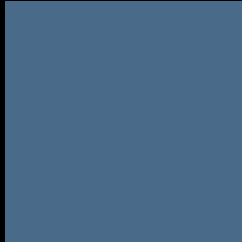
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.0648, -4.5651, -15.0991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

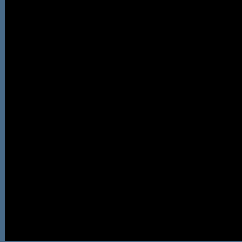
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

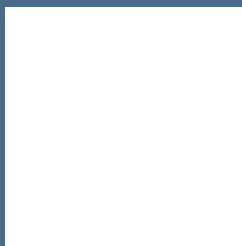
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 37.0648, -4.5651, -15.0991 Background



This preview shows how black text looks on a background with the HunterLab color 37.0648, -4.5651, -15.0991.



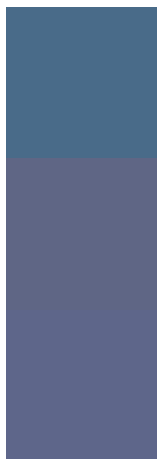
This preview shows how white text looks on a background with the HunterLab color 37.0648, -4.5651, -15.0991.

-15.0991.

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

37.0648, -4.5651, -15.0991

Protanopia

36.9176, 1.6559, -12.8604

Deuteranopia

37.0370, 2.4410, -15.6268



Tritanopia

37.0307, -10.3841, -5.3074

Trichromacy



Original Color

37.0648, -4.5651, -15.0991

Protanomaly

36.9433, -0.9500, -13.4494

Deuteranomaly

37.0325, -0.3356, -15.6829

Tritanomaly

37.0752, -8.2612, -8.8647

Monochromacy



Original Color

37.0648, -4.5651, -15.0991

Achromatopsia

35.6984, -1.9048, 1.9396

Achromatomaly

36.1475, -3.7671, -3.4169

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.0648, -4.5651, -15.0991 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(73, 107, 137)` looks like.

```
.text, #text, p{  
    color:rgb(73, 107, 137)  
}
```

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(73, 107, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 107, 137) }
```

Border

The CSS property to change the border of an element to HunterLab 37.0648, -4.5651, -15.0991 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(73, 107, 137) }
```


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

```
.border{ border-color:rgb(73, 107, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 107, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 107, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 107, 137);  
box-shadow:4px 4px 4px 4px rgb(73, 107,  
137) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.0648, -4.5651, -15.0991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 107, 137) }
```

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

```
.background{ background-color: rgb(73, 107,  
137) }
```

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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