

Converting Colors

HunterLab(35.9794, -0.8105,
-17.0311)

Have a look what the booklet for
HunterLab(35.9794, -0.8105,
-17.0311) contains.

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Color

**HunterLab(36.0754, -0.9113,
-16.6830)**

Conversions

Conversions Part 1

Format	Color
Hex	506689
RGB	80, 102, 137
RGB Percent	31%, 40%, 54%
CMY	0.6863, 0.6000, 0.4627
CMYK	0.42, 0.26, 0.00, 0.46
HSL	217°, 26%, 43%
HSV	217°, 42%, 54%
XYZ	12.5750, 13.0143, 25.5161
YIQ	99.4120, -24.3470, 6.2210

Conversions

Conversions Part 2

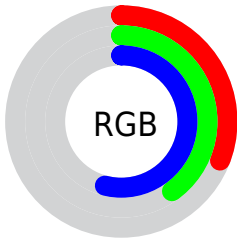
Format	Color
R_{YB}	80, 96, 137
Decimal	5269129
CIE _{Lab}	42.79, 1.39, -21.95
CIE _{LCh}	43, 21.995, 273.632
Yxy	13.0148, 0.2461, 0.2547
Android (android.graphics.Color)	4283459209 (0xFF506689)
YUV	99.4120, 18.5309, -17.0243
Hunter-Lab	36.0754, -0.9113, -16.6830

Details

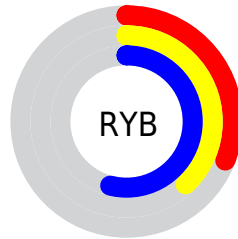
The HunterLab color $[36.0754, -0.9113, -16.6830]$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $[42.6138, 0.3863, 15.7051]$, and the grayscale version is $[35.4175, -1.8898, 1.9243]$.

A 20% lighter version of the original color is $[56.0083, -1.9090, -17.6996]$, and $[19.2263, -0.0197, -15.9592]$ is the 20% darker color. If you saturate the color by 10%, you get $[33.0266, 0.2985, -22.1317]$, and if you desaturate by 10%, it is $[39.2576, -1.7625, -11.5845]$.

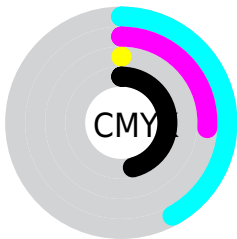
Distribution



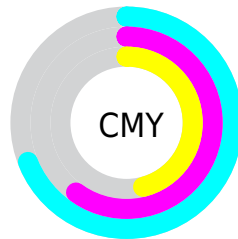
- Red (31%)
- Green (40%)
- Blue (54%)



- Red (31%)
- Yellow (38%)
- Blue (54%)



- Cyan (42%)
- Magenta (26%)
- Yellow (0%)
- Black (46%)



- Cyan (69%)
- Magenta (60%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.0754, -0.9113, -16.6830 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 36.0754, -0.9113, -16.6830 by changing the saturation by 10% instead.

■ 36.0754, -0.9113,
-16.6830

■ 36.0754, -0.9113,
-16.6830

■ 145.2628, -6.1486,
-18.2855

■ 27.2741, -0.5307,
-16.2109

■ 55.9736, -1.8158,
-17.4547

■ 19.3339, -0.2056,
-15.7151

■ 66.9617, -2.3310,
-17.7459

■ 12.3616, 0.0543,
-15.2899

■ 78.5875, -2.8841,
-17.9750

■ 5.5532, 0.7968,
-19.4296

■ 90.8176, -3.4729,
-18.1446

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 103.6236, -4.0953,
-18.2576

0.0000, NaN, NaN

116.9806, -4.7497,

0.0000, NaN, NaN

-18.3169

0.0000, NaN, NaN

130.8668, -5.4345,
-18.3254

■ 36.0754, -0.9113,
-16.6830

■ 36.0754, -0.9113,
-16.6830

■ 33.0266, 0.2985,
-22.1317

■ 39.2576, -1.7625,
-11.5845

■ 30.1285, 1.9314,
-27.9758

■ 42.5551, -2.3101,
-6.7925

■ 27.4053, 4.0554,
-34.2446

■ 45.9554, -2.6013,
-2.2624

■ 24.8846, 6.7341,
-40.9375

■ 49.4478, -2.6749,
2.0449

■ 22.5970, 10.0065,
-47.9984

■ 53.0234, -2.5630,
6.1636

■ 20.8355, 13.0806,
-54.2798

■ 56.6745, -2.2918,
10.1231

■ 60.3950, -1.8830,
13.9481

■ 64.1795, -1.3543,
17.6593

■ 68.0234, -0.7206,
21.2745

Harmonies

Analogous

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



36.0761, -8.7365, -14.4340



36.0754, -0.9113, -16.6830



36.0761, 7.3325, -13.0792

Triad

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



36.0761, -0.9115, -16.6822



36.0761, 12.3266, 9.3927



36.0761, -15.1259, 8.0697

Complementary

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



36.0754, -0.9113, -16.6830



42.6138, 0.3863, 15.7051

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.



36.0761, -10.3373, 12.4445



36.0754, -0.9113, -16.6830



36.0761, 5.4286, 13.0785

Square

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



36.0761, -0.9115, -16.6822



36.0761, 15.3982, 2.9112



36.0761, -2.9311, 14.0551



36.0761, -16.4958, 0.9899

Rectangle

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



36.0754, -0.9113, -16.6830



36.0761, 11.8259, -8.2337



36.0761, -2.9311, 14.0551



36.0761, -13.8853, 9.8472

Sweetspot

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



36.0761, -0.9115, -16.6822



61.1934, -3.4649, -3.4184



45.6252, -19.9740, 6.9986



28.7475, -1.6272, -1.9207



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.



36.0761, -0.9115, -16.6822



44.3963, 0.3057, -29.2395



30.8354, 10.8418, -26.3165



22.7776, -1.2839, -0.5790



20.1637, 12.4970, -52.1804



2.3218, -0.2724, -2.3139

Inverse Universe

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



34.6633, 19.5887, 0.2005



42.6125, 33.0296, 0.4434



48.2908, -11.3192, 20.2397



22.5354, 1.0192, 0.8969



22.7918, 40.0872, 6.5446



1.9294, 3.5276, -0.4864

Previews

White Background



This preview shows how the HunterLab color 36.0754, -0.9113, -16.6830 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 36.0754, -0.9113, -16.6830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

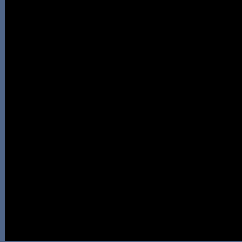
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

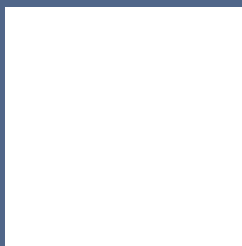
Any Text WCAG AAA ✗ Fail

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

HunterLab 36.0754, -0.9113, -16.6830 Background



This preview shows how black text looks on a background with the HunterLab color 36.0754, -0.9113, -16.6830.



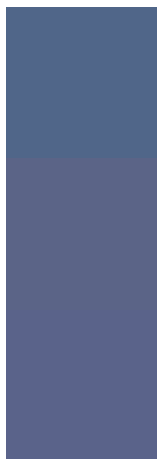
This preview shows how white text looks on a background with the HunterLab color 36.0754, -0.9113, -16.6830.

-16.6830.

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

36.0754, -0.9113, -16.6830

Protanopia

36.1770, 2.0407, -15.2382

Deuteranopia

35.9615, 2.9136, -17.4324



Tritanopia

36.0579, -8.2879, -4.5964

Trichromacy



Original Color

36.0754, -0.9113, -16.6830

Protanomaly

36.2094, 0.8578, -15.8127

Deuteranomaly

35.9552, 1.5296, -17.4675

Tritanomaly

36.1521, -5.9557, -8.5596

Monochromacy



Original Color

36.0754, -0.9113, -16.6830

Achromatopsia

35.3231, -1.8847, 1.9192

Achromatomaly

35.4710, -1.9312, -4.2903

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.0754, -0.9113, -16.6830 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, 102, 137)` looks like.

```
.text, #text, p{  
    color:rgb(80, 102, 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(80, 102, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 102, 137) }
```

Border

The CSS property to change the border of an element to HunterLab 36.0754, -0.9113, -16.6830 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, 102, 137) }
```


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

```
.border{ border-color:rgb(80, 102, 137) }
```

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

Here you see how a box with a 4 pixel rgb(80, 102, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 102, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 102, 137);  
box-shadow:4px 4px 4px 4px rgb(80, 102,  
137) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.0754, -0.9113, -16.6830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 102, 137) }
```

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

```
.background{ background-color: rgb(80, 102,  
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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