

Converting Colors

HunterLab(36.0456, -8.4225,
-15.8351)

Have a look what the booklet for
HunterLab(36.0456, -8.4225,
-15.8351) contains.

HunterLab(36.0118, -8.5160, -15.6972)	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(36.0118, -8.5160,
-15.6972)**

Conversions

Conversions Part 1

Format	Color
Hex	336B87
RGB	51, 107, 135
RGB Percent	20%, 42%, 53%
CMY	0.8000, 0.5804, 0.4706
CMYK	0.62, 0.21, 0.00, 0.47
HSL	200°, 45%, 36%
HSV	200°, 62%, 53%
XYZ	10.9961, 12.9685, 24.8453
YIQ	93.4480, -42.3640, -3.1640

Conversions

Conversions Part 2

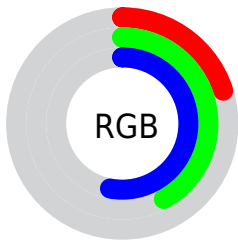
Format	Color
RYB	51, 85, 135
Decimal	3369863
CIELab	42.72, -9.45, -20.98
CIELCh	43, 23.011, 245.749
Yxy	12.9690, 0.2253, 0.2657
Android (android.graphics.Color)	4281559943 (0xFF336B87)
YUV	93.4480, 20.4851, -37.2269
Hunter-Lab	36.0118, -8.5160, -15.6972

Details

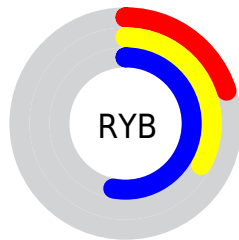
The HunterLab color **36.0118, -8.5160, -15.6972** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **33.1399, 14.1041, 15.0632**, and the grayscale version is **33.1898, -1.7709, 1.8033**.

A 20% lighter version of the original color is **55.8110, -10.5229, -16.3364**, and **19.7170, -5.0319, -13.7822** is the 20% darker color. If you saturate the color by 10%, you get **34.2836, -8.1637, -18.6587**, and if you desaturate by 10%, it is **37.8616, -8.4579, -12.7130**.

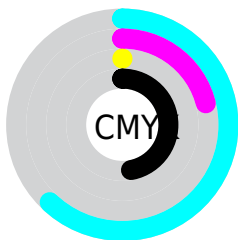
Distribution



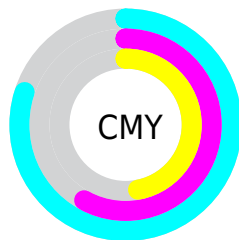
- Red (20%)
- Green (42%)
- Blue (53%)



- Red (20%)
- Yellow (33%)
- Blue (53%)



- Cyan (62%)
- Magenta (21%)
- Yellow (0%)
- Black (47%)



- Cyan (80%)
- Magenta (58%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.0118, -8.5160, -15.6972 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 36.0118, -8.5160, -15.6972 by changing the saturation by 10% instead.

36.0118, -8.5160,
-15.6972

36.0118, -8.5160,
-15.6972

145.1615,
-18.4869, -17.0357

27.2161, -7.4121,
-15.2471

55.8999, -10.6924,
-16.4136

19.2822, -6.2793,
-14.7631

66.8835, -11.7799,
-16.6750

12.3171, -5.0886,
-14.3264

78.5050, -12.8727,
-16.8738

5.4839, -7.8029,
-18.3804

90.7310, -13.9735,
-17.0130

0.0000, NaN, -NF

0.0000, NaN, NaN

103.5331,
-15.0841, -17.0959

0.0000, NaN, NaN

116.8864,

0.0000, NaN, NaN

-16.2060, -17.1255

0.0000, NaN, NaN

130.7690,
-17.3400, -17.1046

■ 36.0118, -8.5160,
-15.6972

■ 36.0118, -8.5160,
-15.6972

■ 34.2836, -8.1637,
-18.6587

■ 37.8616, -8.4579,
-12.7130

■ 32.6790, -7.3846,
-21.5802

■ 39.8251, -8.0154,
-9.7255

■ 31.1996, -6.1788,
-24.4428

■ 41.8965, -7.2192,
-6.7480

■ 30.1025, -5.0673,
-26.6868

■ 44.0688, -6.1017,
-3.7910

■ 46.3351, -4.6948,
-0.8615

■ 48.6888, -3.0285,
2.0360

■ 51.1238, -1.1304,
4.8991

■ 53.6343, 0.9745,
7.7272

■ 56.2150, 3.2642,
10.5208

Harmonies

Analogous

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



36.0125, -14.4752, -8.5863



36.0118, -8.5160, -15.6972



36.0125, -0.2388, -17.6494

Triad

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



36.0125, -8.5160, -15.6965



36.0125, 16.2032, 3.5125



36.0125, -11.1519, 12.5989

Complementary

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



36.0118, -8.5160, -15.6972



33.1399, 14.1041, 15.0632

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.



36.0125, -3.5778, 14.4354



36.0118, -8.5160, -15.6972



36.0125, 12.6243, 10.0468

Square

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



36.0125, -8.5160, -15.6965



36.0125, 14.5656, -5.1780



36.0125, 5.1803, 13.6259



36.0125, -15.8934, 7.8827

Rectangle

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



36.0118, -8.5160, -15.6972



36.0125, 5.6062, -15.4417



36.0125, 5.1803, 13.6259



36.0125, -8.8812, 13.5154

Sweetspot

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



36.0125, -8.5160, -15.6965



59.8080, -7.6766, -3.9739



43.1238, -28.1098, 15.9096



28.4197, -3.9067, -2.3887



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.



36.0125, -8.5160, -15.6965



44.8999, -10.5308, -26.7213



24.9685, 10.8465, -38.8549



22.4149, -2.0022, 0.0203



28.9498, -4.9328, -25.5363



2.0614, -0.7998, -0.8500

Inverse Universe

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



29.2926, 33.0120, -9.5275



35.6225, 52.6887, -13.4380



43.6636, -5.1685, 22.5613



21.7650, 1.2251, 0.1831



23.3088, 42.8481, -7.6596



1.4206, 2.6950, -1.1149

Previews

White Background



This preview shows how the HunterLab color 36.0118, -8.5160, -15.6972 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 36.0118, -8.5160, -15.6972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

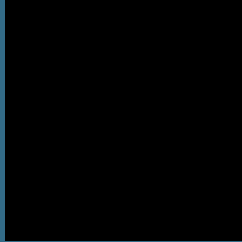
Any Text WCAG AA × Fail

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 36.0118, -8.5160, -15.6972 Background



This preview shows how black text looks on a background with the HunterLab color 36.0118, -8.5160, -15.6972.



This preview shows how white text looks on a background with the HunterLab color 36.0118, -8.5160,

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

36.0118, -8.5160, -15.6972

Protanopia

35.8271, 1.7655, -12.2629

Deuteranopia

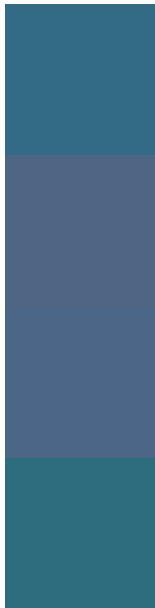
35.9214, 2.6991, -16.8815



Tritanopia

36.0519, -14.0641, -6.7336

Trichromacy



Original Color

36.0118, -8.5160, -15.6972

Protanomaly

35.7227, -2.6030, -13.6723

Deuteranomaly

35.8006, -1.9431, -16.5491

Tritanomaly

36.0538, -12.1144, -9.9022

Monochromacy



Original Color

36.0118, -8.5160, -15.6972

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

33.8198, -5.2630, -4.1246

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.0118, -8.5160, -15.6972 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(51, 107, 135)` looks like.

```
.text, #text, p{  
    color:rgb(51, 107, 135)  
}
```

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(51, 107, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 107, 135) }
```

Border

The CSS property to change the border of an element to HunterLab 36.0118, -8.5160, -15.6972 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(51, 107, 135) }
```


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

```
.border{ border-color:rgb(51, 107, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 107, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 107, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 107, 135);  
box-shadow:4px 4px 4px 4px rgb(51, 107,  
135) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.0118, -8.5160, -15.6972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 107, 135) }
```

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

```
.background{ background-color: rgb(51, 107,  
135) }
```

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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