

Converting Colors

HunterLab(35.5680, 13.1700,
-69.9664)

Have a look what the booklet for
HunterLab(35.5680, 13.1700,
-69.9664) contains.

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Color

**HunterLab(35.4734, 13.3411,
-70.2663)**

Conversions

Conversions Part 1

Format	Color
Hex	175FC9
RGB	23, 95, 201
RGB Percent	9%, 37%, 79%
CMY	0.9097, 0.6275, 0.2118
CMYK	0.89, 0.53, 0.00, 0.21
HSL	216°, 79%, 44%
HSV	216°, 89%, 79%
XYZ	14.9882, 12.5836, 56.8973
YIQ	85.5560, -76.9380, 17.7020

Conversions

Conversions Part 2

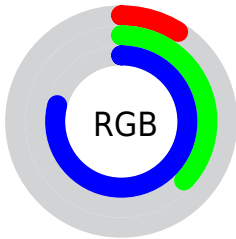
Format	Color
R_{YB}	23, 74, 201
Decimal	1531849
CIE _{Lab}	42.13, 19.58, -60.87
CIE _{LCh}	42, 63.939, 287.828
Yxy	12.5839, 0.1774, 0.1490
Android (android.graphics.Color)	4279721929 (0xFF175FC9)
YUV	85.5560, 56.9139, -54.8616
Hunter-Lab	35.4734, 13.3411, -70.2663

Details

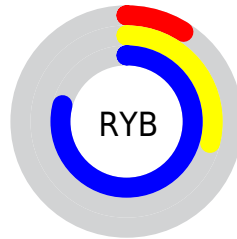
The HunterLab color **35.4734, 13.3411, -70.2663** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **53.0909, 15.0023, 32.0704**, and the grayscale version is **30.1645, -1.6095, 1.6389**.

A 20% lighter version of the original color is **55.1488, 13.1631, -67.4992**, and **20.8723, 17.5984, -64.0783** is the 20% darker color. If you saturate the color by 10%, you get **32.2906, 19.0842, -81.2310**, and if you desaturate by 10%, it is **39.0420, 8.4809, -59.7110**.

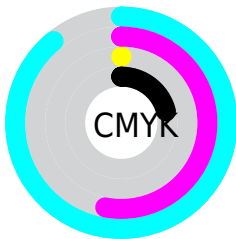
Distribution



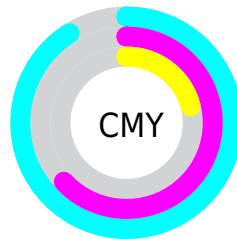
- Red (9%)
- Green (37%)
- Blue (79%)



- Red (9%)
- Yellow (29%)
- Blue (79%)



- Cyan (89%)
- Magenta (53%)
- Yellow (0%)
- Black (21%)



- Cyan (91%)
- Magenta (63%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.4734, 13.3411, -70.2663 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 35.4734, 13.3411, -70.2663 by changing the saturation by 10% instead.

■ 35.4734, 13.3411,
-70.2663

■ 35.4734, 13.3411,
-70.2663

■ 144.3031, 15.5085,
-75.8879

■ 26.7258, 12.6576,
-71.1710

■ 55.2759, 14.3707,
-70.5152

■ 18.8454, 11.8330,
-73.7132

■ 66.2209, 14.7426,
-71.1003

■ 11.9414, 10.8447,
-80.0439

■ 77.8059, 15.0337,
-71.8202

■ 4.8554, 17.3088,
-126.5521

■ 89.9973, 15.2518,
-72.6113

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 102.7663, 15.4034,
-73.4344

0.0000, NaN, -NF

116.0879, 15.4938,

0.0000, NaN, NaN

-74.2648

0.0000, NaN, NaN

129.9400, 15.5276,
-75.0862

■ 35.4734, 13.3411,
-70.2663

■ 35.4734, 13.3411,
-70.2663

■ 32.2906, 19.0842,
-81.2310

■ 39.0420, 8.4809,
-59.7110

■ 31.8508, 19.9550,
-82.8879

■ 42.9666, 4.5601,
-49.6964

■ 47.2021, 1.5122,
-40.2976

■ 51.7072, -0.7658,
-31.5140

■ 56.4463, -2.3822,
-23.3024

■ 61.3898, -3.4371,
-15.6007

■ 66.5132, -4.0176,
-8.3429

■ 71.7965, -4.1968,
-1.4658

■ 77.2230, -4.0352,
5.0875

Harmonies

Analogous

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



35.4739, -11.0961, -73.1867



35.4734, 13.3411, -70.2663



35.4739, 39.1184, -41.8970

Triad

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



35.4739, 13.3425, -70.2654



35.4739, 34.6402, 21.4764



35.4739, -36.6330, 9.9850

Complementary

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



35.4734, 13.3411, -70.2663



53.0909, 15.0023, 32.0704

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.



35.4739, -29.9913, 20.5527



35.4734, 13.3411, -70.2663



35.4739, 8.3521, 23.6474

Square

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



35.4739, 13.3425, -70.2654



35.4739, 53.4862, 12.8996



35.4739, -14.9277, 23.4566



35.4739, -35.9644, -14.2797

Rectangle

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



35.4734, 13.3411, -70.2663



35.4739, 51.6507, -18.9119



35.4739, -14.9277, 23.4566



35.4739, -35.2738, 14.8090

Sweetspot

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



35.4739, 13.3425, -70.2654



81.0974, -4.6160, -19.2763



65.9426, -47.5612, 21.7958



36.4658, -1.9613, -10.4888

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



35.4739, 13.3425, -70.2654



41.1649, 27.3161, -110.4202



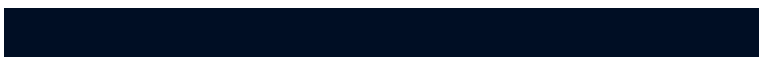
22.8913, 50.7331, -128.1296



33.1360, -1.9485, -0.9398



25.5890, 15.0495, -64.4717



6.7195, 0.9082, -10.3595

Inverse Universe

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



37.2257, 61.7324, 6.7755



47.1612, 82.8467, 14.3373



72.3158, -24.5301, 43.4656



32.7213, 1.7006, 1.2054



28.6374, 50.4159, 7.8575



6.3451, 11.3847, 0.0798

Previews

White Background



This preview shows how the HunterLab color 35.4734, 13.3411, -70.2663 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 35.4734, 13.3411, -70.2663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

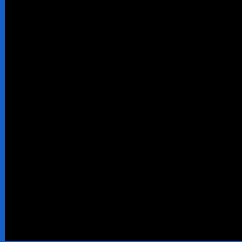
Any Text WCAG AA × Fail

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 35.4734, 13.3411, -70.2663 Background



This preview shows how black text looks on a background with the HunterLab color 35.4734, 13.3411, -70.2663.



This preview shows how white text looks on a background with the HunterLab color 35.4734, 13.3411, -70.2663.

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

35.4734, 13.3411, -70.2663

Protanopia

35.3845, 13.0698, -70.5579

Deuteranopia

35.2172, 1.1770, -46.5593



Tritanopia

35.2650, -17.2378, -6.8668

Trichromacy



Original Color

35.4734, 13.3411, -70.2663

Protanomaly

35.4117, 13.1530, -70.4684

Deuteranomaly

35.2647, 5.1708, -54.4214

Tritanomaly

35.0612, -7.9159, -25.9119

Monochromacy



Original Color

35.4734, 13.3411, -70.2663

Achromatopsia

30.5056, -1.6277, 1.6574

Achromatomaly

31.2410, -0.2862, -19.5119

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.4734, 13.3411, -70.2663 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(23, 95, 201)` looks like.

```
.text, #text, p{  
    color:rgb(23, 95, 201)  
}
```

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(23, 95, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 95, 201) }
```

Border

The CSS property to change the border of an element to HunterLab 35.4734, 13.3411, -70.2663 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(23, 95, 201) }
```


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

```
.border{ border-color:rgb(23, 95, 201) }
```

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

Here you see how a box with a 4 pixel rgb(23, 95, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 95, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 95, 201);  
box-shadow:4px 4px 4px 4px rgb(23, 95,  
201) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.4734, 13.3411, -70.2663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 95, 201) }
```

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

```
.background{ background-color: rgb(23, 95,  
201) }
```

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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