

Converting Colors

HunterLab(37.1570, 17.2948,
-67.9569)

Have a look what the booklet for
HunterLab(37.1570, 17.2948,
-67.9569) contains.

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Color

**HunterLab(37.1243, 17.4054,
-68.0547)**

Conversions

Conversions Part 1

Format	Color
Hex	3F60CC
RGB	63, 96, 204
RGB Percent	25%, 38%, 80%
CMY	0.7529, 0.6235, 0.2000
CMYK	0.69, 0.53, 0.00, 0.20
HSL	226°, 58%, 52%
HSV	226°, 69%, 80%
XYZ	17.1319, 13.7821, 58.8840
YIQ	98.4450, -54.3360, 26.5920

Conversions

Conversions Part 2

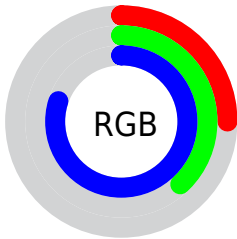
Format	Color
R_{YB}	63, 90, 204
Decimal	4153548
CIE _{Lab}	43.92, 24.17, -59.64
CIE _{LCh}	44, 64.348, 292.062
Yxy	13.7825, 0.1908, 0.1535
Android (android.graphics.Color)	4282343628 (0xFF3F60CC)
YUV	98.4450, 52.0386, -31.0853
Hunter-Lab	37.1243, 17.4054, -68.0547

Details

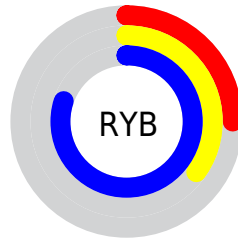
The HunterLab color **37.1243, 17.4054, -68.0547** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **65.0582, -3.1051, 35.7473**, and the grayscale version is **34.9420, -1.8644, 1.8985**.

A 20% lighter version of the original color is **56.7568, 16.8299, -63.5623**, and **21.3016, 18.1003, -65.6986** is the 20% darker color. If you saturate the color by 10%, you get **32.6451, 23.6601, -83.2240**, and if you desaturate by 10%, it is **42.0993, 12.2100, -54.2991**.

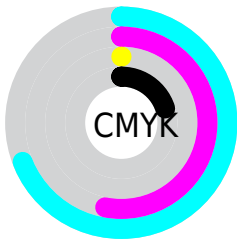
Distribution



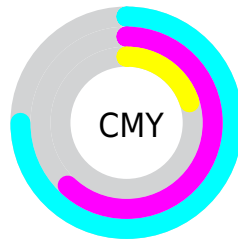
- Red (25%)
- Green (38%)
- Blue (80%)



- Red (25%)
- Yellow (35%)
- Blue (80%)



- Cyan (69%)
- Magenta (53%)
- Yellow (0%)
- Black (20%)



- Cyan (75%)
- Magenta (62%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.1243, 17.4054, -68.0547 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 37.1243, 17.4054, -68.0547 by changing the saturation by 10% instead.

■ 37.1243, 17.4054,
-68.0547

■ 37.1243, 17.4054,
-68.0547

■ 146.9264, 21.1822,
-73.9659

■ 28.2304, 16.5131,
-68.6592

■ 57.1862, 18.8340,
-68.5598

■ 20.1878, 15.4773,
-70.6103

■ 68.2485, 19.3957,
-69.1955

■ 13.0991, 14.2838,
-75.5880

■ 79.9444, 19.8703,
-69.9402

■ 6.5871, 15.9195,
-97.0762

■ 92.2411, 20.2660,
-70.7394

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 105.1108, 20.5898,
-71.5595

0.0000, NaN, -NF

118.5289, 20.8473,

0.0000, NaN, NaN

-72.3791

0.0000, NaN, NaN

132.4738, 21.0434,
-73.1843

■ 37.1243, 17.4054,
-68.0547

■ 37.1243, 17.4054,
-68.0547

■ 32.6451, 23.6601,
-83.2240

■ 42.0993, 12.2100,
-54.2991

■ 28.7824, 30.9381,
-99.4012

■ 47.4717, 7.9503,
-41.9582

■ 25.6478, 38.8076,
-115.5774

■ 53.1688, 4.4688,
-30.8633

■ 25.4007, 39.4926,
-117.0020

■ 59.1361, 1.6172,
-20.8080

■ 65.3326, -0.7287,
-11.5985

■ 71.7271, -2.6676,
-3.0704

■ 78.2955, -4.2773,
4.9104

■ 85.0187, -5.6181,
12.4508

■ 91.8817, -6.7374,
19.6358

Harmonies

Analogous

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



37.1248, -8.2633, -75.3235



37.1243, 17.4054, -68.0547



37.1248, 42.9202, -37.4027

Triad

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



37.1248, 17.4065, -68.0536



37.1248, 31.6212, 22.8314



37.1248, -38.0506, 7.6888

Complementary

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



37.1243, 17.4054, -68.0547



65.0582, -3.1051, 35.7473

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.



37.1248, -32.2943, 20.3565



37.1243, 17.4054, -68.0547



37.1248, 4.7450, 24.6485

Square

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



37.1248, 17.4065, -68.0536



37.1248, 52.4981, 15.2136



37.1248, -18.0626, 24.1768



37.1248, -36.3147, -19.0428

Rectangle

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



37.1243, 17.4054, -68.0547



37.1248, 54.2624, -14.5874



37.1248, -18.0626, 24.1768



37.1248, -36.9946, 13.3370

Sweetspot

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



37.1248, 17.4065, -68.0536



82.3306, -0.3338, -17.4055



68.6282, -40.0371, 9.2640



37.0527, 0.2250, -9.5674

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



37.1248, 17.4065, -68.0536



39.4309, 34.9534, -117.3470



32.4448, 40.8315, -83.6875



33.5604, -1.2279, -1.5494



20.4474, 30.3753, -91.1289



5.7953, 3.7508, -15.3406

Inverse Universe

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



41.5187, 51.1241, 10.6754



48.7867, 75.9278, 18.8411



72.0782, -30.0505, 40.0188



33.5499, 1.5048, 1.9077



28.6794, 49.6201, 14.6112



6.6064, 11.6106, 1.9675

Previews

White Background



This preview shows how the HunterLab color 37.1243, 17.4054, -68.0547 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 37.1243, 17.4054, -68.0547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

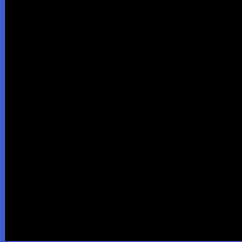
Any Text WCAG AA × Fail

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 37.1243, 17.4054, -68.0547 Background



This preview shows how black text looks on a background with the HunterLab color 37.1243, 17.4054, -68.0547.



This preview shows how white text looks on a background with the HunterLab color 37.1243, 17.4054, -68.0547.

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

37.1243, 17.4054, -68.0547

Protanopia

37.2846, 13.2398, -71.6880

Deuteranopia

37.1063, 1.4767, -49.5674



Tritanopia

37.0021, -17.9319, -7.5396

Trichromacy



Original Color

37.1243, 17.4054, -68.0547

Protanomaly

37.2556, 14.3342, -70.7373

Deuteranomaly

36.6695, 6.4540, -56.9877

Tritanomaly

36.2964, -7.5369, -26.2905

Monochromacy



Original Color

37.1243, 17.4054, -68.0547

Achromatopsia

34.9484, -1.8648, 1.8988

Achromatomaly

35.0526, 2.4976, -18.3887

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.1243, 17.4054, -68.0547 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(63, 96, 204)` looks like.

```
.text, #text, p{  
    color:rgb(63, 96, 204)  
}
```

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(63, 96, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 96, 204) }
```

Border

The CSS property to change the border of an element to HunterLab 37.1243, 17.4054, -68.0547 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(63, 96, 204) }
```


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

```
.border{ border-color:rgb(63, 96, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 96, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 96, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 96, 204);  
box-shadow:4px 4px 4px 4px rgb(63, 96,  
204) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.1243, 17.4054, -68.0547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 96, 204) }
```

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

```
.background{ background-color: rgb(63, 96,  
204) }
```

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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