

Converting Colors

HunterLab(35.7833, 5.7316,
-33.7185)

Have a look what the booklet for
HunterLab(35.7833, 5.7316,
-33.7185) contains.

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Color

**HunterLab(35.7833, 5.7316,
-33.7185)**

Conversions

Conversions Part 1

Format	Color
Hex	4B62A1
RGB	75, 98, 161
RGB Percent	29%, 38%, 63%
CMY	0.7059, 0.6157, 0.3686
CMYK	0.53, 0.39, 0.00, 0.37
HSL	224°, 36%, 46%
HSV	224°, 53%, 63%
XYZ	13.7024, 12.8044, 35.4675
YIQ	98.3050, -33.9310, 14.7170

Conversions

Conversions Part 2

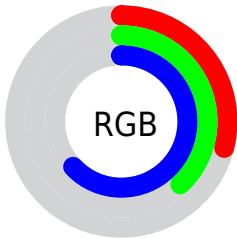
Format	Color
R_{YB}	75, 93, 161
Decimal	4940449
CIE _{Lab}	42.47, 10.16, -36.81
CIE _{LCh}	42, 38.182, 285.433
Yxy	12.8049, 0.2211, 0.2066
Android (android.graphics.Color)	4283130529 (0xFF4B62A1)
YUV	98.3050, 30.9086, -20.4385
Hunter-Lab	35.7833, 5.7316, -33.7185

Details

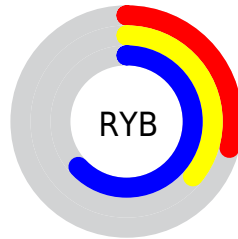
The HunterLab color $35.7833, 5.7316, -33.7185$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $51.2475, -2.4067, 23.8342$, and the grayscale version is $34.9604, -1.8654, 1.8995$.

A 20% lighter version of the original color is $55.5021, 5.9081, -35.0960$, and $19.0743, 5.3622, -33.1247$ is the 20% darker color. If you saturate the color by 10%, you get $31.9199, 8.8712, -42.8067$, and if you desaturate by 10%, it is $39.8881, 3.1911, -25.4848$.

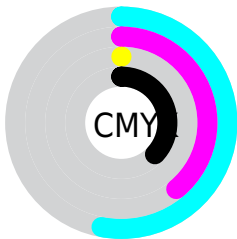
Distribution



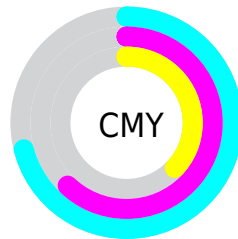
- Red (29%)
- Green (38%)
- Blue (63%)



- Red (29%)
- Yellow (36%)
- Blue (63%)



- Cyan (53%)
- Magenta (39%)
- Yellow (0%)
- Black (37%)



- Cyan (71%)
- Magenta (62%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.7833, 5.7316, -33.7185 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 35.7833, 5.7316, -33.7185 by changing the saturation by 10% instead.

■ 35.7833, 5.7316,
-33.7185

■ 35.7833, 5.7316,
-33.7185

■ 144.7976, 4.1543,
-38.5141

■ 27.0080, 5.5736,
-33.2038

■ 55.6352, 5.7933,
-34.9820

■ 19.0967, 5.3086,
-32.9805

■ 66.6025, 5.7180,
-35.6136

■ 12.1575, 4.9105,
-33.5428

■ 78.2085, 5.5821,
-36.2126

■ 5.2268, 8.1915,
-46.2825

■ 90.4199, 5.3911,
-36.7694

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 103.2080, 5.1494,
-37.2793

0.0000, NaN, NaN

116.5479, 4.8607,

0.0000, NaN, NaN

-37.7402

0.0000, NaN, NaN

130.4176, 4.5281,
-38.1516

■ 35.7833, 5.7316,
-33.7185

■ 35.7833, 5.7316,
-33.7185

■ 31.9199, 8.8712,
-42.8067

■ 39.8881, 3.1911,
-25.4848

■ 28.3468, 12.7181,
-52.8357

■ 44.1933, 1.1429,
-17.9853

■ 25.1298, 17.3492,
-63.7653

■ 48.6697, -0.5043,
-11.0951

■ 22.3471, 22.7327,
-75.2917

■ 53.2943, -1.8249,
-4.7041

■ 20.7485, 26.4835,
-83.1039

■ 58.0492, -2.8783,
1.2800

■ 62.9199, -3.7115,
6.9328

■ 67.8952, -4.3618,
12.3154

■ 72.9655, -4.8585,
17.4771

■ 78.1232, -5.2254,
22.4577

Harmonies

Analogous

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



35.7839, -8.5904, -33.9091



35.7833, 5.7316, -33.7185



35.7839, 19.9457, -21.8023

Triad

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



35.7839, 5.7318, -33.7176



35.7839, 19.5843, 16.0563



35.7839, -24.8934, 7.9409

Complementary

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



35.7833, 5.7316, -33.7185



51.2475, -2.4067, 23.8342

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.



35.7839, -19.5244, 15.9059



35.7833, 5.7316, -33.7185



35.7839, 5.2968, 19.1781

Square

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



35.7839, 5.7318, -33.7176



35.7839, 28.7614, 8.2526



35.7839, -8.9622, 19.1368



35.7839, -24.8147, -5.7651

Rectangle

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



35.7833, 5.7316, -33.7185



35.7839, 26.8016, -10.7743



35.7839, -8.9622, 19.1368



35.7839, -23.7081, 11.2328

Sweetspot

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



35.7839, 5.7318, -33.7176



69.5155, -1.9718, -8.7033



53.6485, -26.8877, 6.5831



31.9988, -0.7695, -4.8349



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



35.7839, 5.7318, -33.7176



41.8308, 12.7189, -59.5919



31.5697, 21.2444, -43.5005



26.7466, -1.1087, -1.0572



18.7020, 23.1935, -73.4441



3.8315, 0.7380, -6.3823

Inverse Universe

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



36.7311, 30.0905, 4.5076



44.4845, 49.4747, 8.2086



56.3750, -18.7588, 27.4080



26.6751, 1.1499, 1.4124



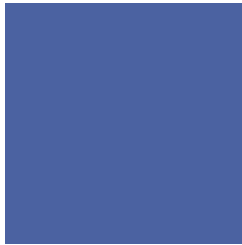
24.8942, 43.2170, 11.5517



3.7097, 6.6349, 0.2113

Previews

White Background



This preview shows how the HunterLab color 35.7833, 5.7316, -33.7185 looks on a white background.

Color Contrast Check

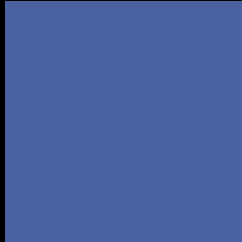
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.7833, 5.7316, -33.7185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

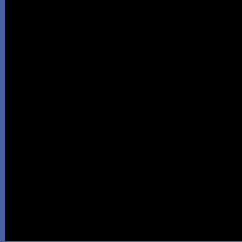
Any Text WCAG AA × Fail

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 35.7833, 5.7316, -33.7185 Background



This preview shows how black text looks on a background with the HunterLab color 35.7833, 5.7316, -33.7185.



This preview shows how white text looks on a background with the HunterLab color 35.7833, 5.7316, -33.7185.

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

35.7833, 5.7316, -33.7185

Protanopia

35.7833, 5.7316, -33.7185

Deuteranopia

35.7438, 2.7796, -33.0923



Tritanopia

35.6457, -11.2336, -5.7149

Trichromacy



Original Color

35.7833, 5.7316, -33.7185

Protanomaly

35.7833, 5.7316, -33.7185

Deuteranomaly

35.6749, 3.9220, -33.2215

Tritanomaly

35.6236, -5.7444, -14.4818

Monochromacy



Original Color

35.7833, 5.7316, -33.7185

Achromatopsia

34.9484, -1.8648, 1.8988

Achromatomaly

35.0564, -0.0673, -8.9933

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.7833, 5.7316, -33.7185 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(75, 98, 161)` looks like.

```
.text, #text, p{  
    color:rgb(75, 98, 161)  
}
```

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(75, 98, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 98, 161) }
```

Border

The CSS property to change the border of an element to HunterLab 35.7833, 5.7316, -33.7185 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(75, 98, 161) }
```


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

```
.border{ border-color:rgb(75, 98, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 98, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 98, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 98, 161);  
box-shadow:4px 4px 4px 4px rgb(75, 98,  
161) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.7833, 5.7316, -33.7185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 98, 161) }
```

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

```
.background{ background-color: rgb(75, 98,  
161) }
```

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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