

Converting Colors

HunterLab(35.4330, 15.4452,
-63.3285)

Have a look what the booklet for
HunterLab(35.4330, 15.4452,
-63.3285) contains.

HunterLab(35.5293, 15.1781, -63.0133)	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(35.5293, 15.1781,
-63.0133)**

Conversions

Conversions Part 1

Format	Color
Hex	3A5DC2
RGB	58, 93, 194
RGB Percent	23%, 36%, 76%
CMY	0.7725, 0.6353, 0.2392
CMYK	0.70, 0.52, 0.00, 0.24
HSL	225°, 54%, 49%
HSV	225°, 70%, 76%
XYZ	15.3969, 12.6233, 52.6640
YIQ	94.0490, -53.2810, 23.9910

Conversions

Conversions Part 2

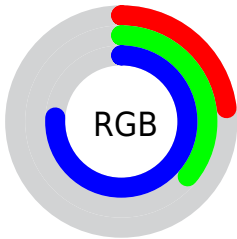
Format	Color
R_{YB}	58, 86, 194
Decimal	3825090
CIE _{Lab}	42.19, 21.75, -56.67
CIE _{LCh}	42, 60.694, 290.995
Yxy	12.6237, 0.1908, 0.1565
Android (android.graphics.Color)	4282015170 (0xFF3A5DC2)
YUV	94.0490, 49.2758, -31.6150
Hunter-Lab	35.5293, 15.1781, -63.0133

Details

The HunterLab color **35.5293, 15.1781, -63.0133** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **60.4766, -1.3142, 33.3169**, and the grayscale version is **33.3125, -1.7775, 1.8099**.

A 20% lighter version of the original color is **55.3849, 16.2652, -63.2891**, and **19.9449, 16.2630, -60.0366** is the 20% darker color. If you saturate the color by 10%, you get **31.3881, 20.8557, -76.7035**, and if you desaturate by 10%, it is **40.1133, 10.4862, -50.5382**.

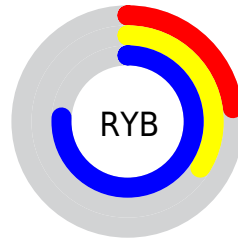
Distribution



Red (23%)

Green (36%)

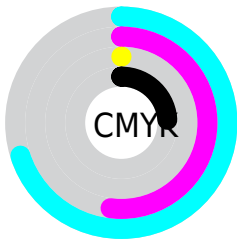
Blue (76%)



Red (23%)

Yellow (34%)

Blue (76%)

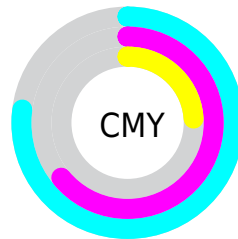


Cyan (70%)

Magenta (52%)

Yellow (0%)

Black (24%)



Cyan (77%)

Magenta (64%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.5293, 15.1781, -63.0133 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 35.5293, 15.1781, -63.0133 by changing the saturation by 10% instead.

■ 35.5293, 15.1781,
-63.0133

■ 35.5293, 15.1781,
-63.0133

■ 144.3924, 18.1690,
-68.9315

■ 26.7767, 14.3833,
-63.5131

■ 55.3408, 16.4159,
-63.6267

■ 18.8907, 13.4441,
-65.3232

■ 66.2898, 16.8857,
-64.2808

■ 11.9804, 12.3420,
-70.1897

■ 77.8786, 17.2708,
-65.0278

■ 4.9246, 18.9784,
-108.3279

■ 90.0736, 17.5794,
-65.8173

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 102.8461, 17.8183,
-66.6185

0.0000, NaN, -NF

116.1709, 17.9932,

0.0000, NaN, NaN

-67.4121

0.0000, NaN, NaN

130.0262, 18.1087,
-68.1857

■ 35.5293, 15.1781,
-63.0133

■ 35.5293, 15.1781,
-63.0133

■ 31.3881, 20.8557,
-76.7035

■ 40.1133, 10.4862,
-50.5382

■ 27.7907, 27.5056,
-91.2838

■ 45.0557, 6.6640,
-39.2842

■ 24.8380, 34.6857,
-105.9219

■ 50.2934, 3.5689,
-29.1163

■ 55.7782, 1.0666,
-19.8638

■ 61.4735, -0.9561,
-11.3635

■ 67.3511, -2.5901,
-3.4744

■ 73.3892, -3.9075,
3.9198

■ 79.5703, -4.9645,
10.9132

■ 85.8806, -5.8056,
17.5812

Harmonies

Analogous

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



35.5298, -8.4910, -68.6385



35.5293, 15.1781, -63.0133



35.5298, 38.9025, -35.5077

Triad

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



35.5298, 15.1791, -63.0123



35.5298, 30.0519, 21.4581



35.5298, -35.6112, 7.8522

Complementary

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



35.5293, 15.1781, -63.0133



60.4766, -1.3142, 33.3169

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.



35.5298, -29.9092, 19.4243



35.5293, 15.1781, -63.0133



35.5298, 5.2145, 23.3780

Square

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



35.5298, 15.1791, -63.0123



35.5298, 48.8817, 13.8492



35.5298, -16.2560, 22.9802



35.5298, -34.2175, -16.4464

Rectangle

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



35.5293, 15.1781, -63.0133



35.5298, 49.6645, -14.4682



35.5298, -16.2560, 22.9802



35.5298, -34.5278, 12.9949

Sweetspot

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



35.5298, 15.1791, -63.0123



81.7837, -0.9814, -16.6595



64.7636, -38.4062, 9.7297



37.2527, -0.1184, -9.2761

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



35.5298, 15.1791, -63.0123



39.6137, 32.6058, -113.4195



30.1375, 38.7222, -81.1619



31.8747, -1.2679, -1.3721



20.4209, 27.2585, -84.3676



5.4389, 2.5989, -12.4085

Inverse Universe

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



39.0982, 49.0811, 9.2471



48.1136, 75.8633, 17.6469



68.2635, -27.9122, 38.0972



31.8111, 1.4372, 1.7218



27.7547, 48.1160, 13.3972



5.8695, 10.3701, 1.3240

Previews

White Background



This preview shows how the HunterLab color 35.5293, 15.1781, -63.0133 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 35.5293, 15.1781, -63.0133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

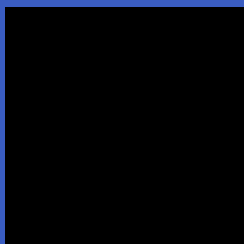
Any Text WCAG AA × Fail

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 35.5293, 15.1781, -63.0133 Background



This preview shows how black text looks on a background with the HunterLab color 35.5293, 15.1781, -63.0133.



This preview shows how white text looks on a background with the HunterLab color 35.5293, 15.1781, -63.0133.

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

35.5293, 15.1781, -63.0133

Protanopia

35.6655, 12.0979, -65.6242

Deuteranopia

35.3294, 1.7812, -48.0039



Tritanopia

35.2985, -17.0397, -7.3363

Trichromacy



Original Color

35.5293, 15.1781, -63.0133

Protanomaly

35.5840, 13.0271, -64.8618

Deuteranomaly

35.0909, 5.8597, -53.9688

Tritanomaly

34.8359, -7.4275, -24.9482

Monochromacy



Original Color

35.5293, 15.1781, -63.0133

Achromatopsia

33.4563, -1.7851, 1.8177

Achromatomaly

33.7142, 1.4916, -16.3396

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.5293, 15.1781, -63.0133 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(58, 93, 194)` looks like.

```
.text, #text, p{  
    color:rgb(58, 93, 194)  
}
```

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(58, 93, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 93, 194) }
```

Border

The CSS property to change the border of an element to HunterLab 35.5293, 15.1781, -63.0133 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(58, 93, 194) }
```


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

```
.border{ border-color:rgb(58, 93, 194) }
```

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

Here you see how a box with a 4 pixel rgb(58, 93, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 93, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 93, 194);  
box-shadow:4px 4px 4px 4px rgb(58, 93,  
194) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.5293, 15.1781, -63.0133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 93, 194) }
```

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

```
.background{ background-color: rgb(58, 93,  
194) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor