

Converting Colors

HunterLab(33.4316, 4.4916,
-34.3405)

Have a look what the booklet for
HunterLab(33.4316, 4.4916,
-34.3405) contains.

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Color

**HunterLab(33.4954, 4.3589,
-34.1753)**

Conversions

Conversions Part 1

Format	Color
Hex	3E5D9B
RGB	62, 93, 155
RGB Percent	24%, 36%, 61%
CMY	0.7568, 0.6353, 0.3922
CMYK	0.60, 0.40, 0.00, 0.39
HSL	220°, 43%, 43%
HSV	220°, 60%, 61%
XYZ	11.8174, 11.2194, 32.5531
YIQ	90.7990, -38.3780, 12.7100

Conversions

Conversions Part 2

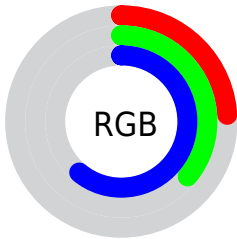
Format	Color
R_{YB}	62, 85, 155
Decimal	4087195
CIE _{Lab}	39.95, 8.40, -37.27
CIE _{LCh}	40, 38.207, 282.702
Yxy	11.2198, 0.2126, 0.2018
Android (android.graphics.Color)	4282277275 (0xFF3E5D9B)
YUV	90.7990, 31.6511, -25.2567
Hunter-Lab	33.4954, 4.3589, -34.1753

Details

The HunterLab color **33.4954, 4.3589, -34.1753** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **46.6185, 1.1058, 22.9484**, and the grayscale version is **32.1680, -1.7164, 1.7477**.

A 20% lighter version of the original color is **52.9905, 4.2513, -35.4942**, and **17.5874, 4.7966, -32.3373** is the 20% darker color. If you saturate the color by 10%, you get **30.1579, 7.2049, -42.2572**, and if you desaturate by 10%, it is **37.0577, 2.1103, -26.7434**.

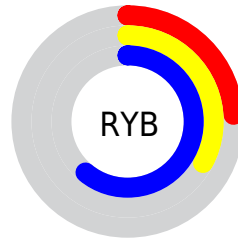
Distribution



Red (24%)

Green (36%)

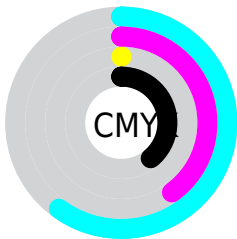
Blue (61%)



Red (24%)

Yellow (33%)

Blue (61%)

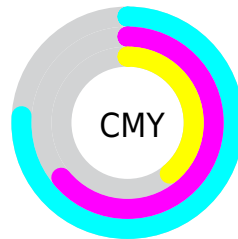


Cyan (60%)

Magenta (40%)

Yellow (0%)

Black (39%)



Cyan (76%)

Magenta (64%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.4954, 4.3589, -34.1753 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 33.4954, 4.3589, -34.1753 by changing the saturation by 10% instead.

■ 33.4954, 4.3589,
-34.1753

■ 33.4954, 4.3589,
-34.1753

141.1274, 2.1831,
-39.0943

■ 24.9296, 4.2821,
-33.7212

■ 52.9773, 4.2691,
-35.4214

■ 17.2516, 4.1019,
-33.6571

■ 63.7776, 4.1228,
-36.0646

■ 10.5797, 3.7909,
-34.6646

■ 75.2261, 3.9186,
-36.6809

0.0000, INF, -NF

0.0000, NaN, -NF

■ 87.2878, 3.6619,
-37.2581

0.0000, NaN, -NF

■ 99.9331, 3.3567,
-37.7900

0.0000, NaN, NaN

113.1361, 3.0067,

0.0000, NaN, NaN

-38.2738

0.0000, NaN, NaN

126.8742, 2.6146,
-38.7085

■ 33.4954, 4.3589,
-34.1753

■ 33.4954, 4.3589,
-34.1753

■ 30.1579, 7.2049,
-42.2572

■ 37.0577, 2.1103,
-26.7434

■ 27.0850, 10.7327,
-51.0058

■ 40.8093, 0.3661,
-19.9010

■ 24.3263, 14.9891,
-60.3295

■ 44.7240, -0.9573,
-13.5683

■ 21.8927, 19.8187,
-70.1460

■ 48.7804, -1.9312,
-7.6673

■ 21.8920, 19.8201,
-70.1490

■ 52.9615, -2.6145,
-2.1273

■ 57.2534, -3.0549,
3.1121

■ 61.6451, -3.2910,
8.1019

■ 66.1273, -3.3537,
12.8844

■ 70.6924, -3.2683,
17.4943

Harmonies

Analogous

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



33.4960, -9.4480, -33.1554



33.4954, 4.3589, -34.1753



33.4960, 18.5676, -23.0887

Triad

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



33.4960, 4.3592, -34.1744



33.4960, 20.4615, 14.9871



33.4960, -23.8735, 8.5988

Complementary

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



33.4954, 4.3589, -34.1753



46.6185, 1.1058, 22.9484

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.



33.4960, -18.2094, 15.7428



33.4954, 4.3589, -34.1753



33.4960, 6.6266, 18.2477

Square

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



33.4960, 4.3592, -34.1744



33.4960, 28.8425, 6.9951



33.4960, -7.5236, 18.4512



33.4960, -24.2758, -4.3326

Rectangle

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



33.4954, 4.3589, -34.1753



33.4960, 25.7511, -12.2308



33.4960, -7.5236, 18.4512



33.4960, -22.5707, 11.5963

Sweetspot

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



33.4960, 4.3592, -34.1744



66.1899, -2.7597, -9.0094



50.9141, -28.2843, 8.6713



30.7709, -1.1713, -5.2805



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



33.4960, 4.3592, -34.1744



38.9143, 11.1431, -60.4416



27.2235, 22.7842, -50.3642



25.1913, -1.2560, -0.8072



19.7830, 17.3381, -62.1550



3.4738, -0.0583, -4.2161

Inverse Universe

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



33.4735, 33.2294, 2.8644



40.4508, 53.5609, 6.3726



54.1507, -17.8846, 28.0636



25.0099, 1.1218, 1.1385



24.0840, 42.0883, 9.0224



3.0494, 5.5277, -0.3969

Previews

White Background



This preview shows how the HunterLab color 33.4954, 4.3589, -34.1753 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 33.4954, 4.3589, -34.1753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

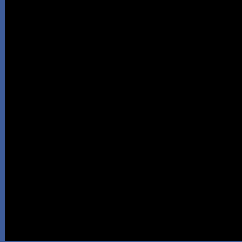
Any Text WCAG AA × Fail

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 33.4954, 4.3589, -34.1753 Background



This preview shows how black text looks on a background with the HunterLab color 33.4954, 4.3589, -34.1753.



This preview shows how white text looks on a background with the HunterLab color 33.4954, 4.3589, -34.1753.

-34.1753.

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

33.4954, 4.3589, -34.1753

Protanopia

33.5449, 5.7585, -33.2642

Deuteranopia

33.4428, 2.8276, -34.3208



Tritanopia

33.3807, -12.5597, -6.3627

Trichromacy



Original Color

33.4954, 4.3589, -34.1753

Protanomaly

33.3851, 5.2374, -33.6304

Deuteranomaly

33.5731, 3.2620, -34.0196

Tritanomaly

33.3301, -7.1330, -15.3044

Monochromacy



Original Color

33.4954, 4.3589, -34.1753

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

32.5187, -1.0685, -9.0063

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.4954, 4.3589, -34.1753 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(62, 93, 155)` looks like.

```
.text, #text, p{  
    color:rgb(62, 93, 155)  
}
```

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(62, 93, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 93, 155) }
```

Border

The CSS property to change the border of an element to HunterLab 33.4954, 4.3589, -34.1753 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(62, 93, 155) }
```


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

```
.border{ border-color:rgb(62, 93, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 93, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 93, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 93, 155);  
box-shadow:4px 4px 4px 4px rgb(62, 93,  
155) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.4954, 4.3589, -34.1753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 93, 155) }
```

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

```
.background{ background-color: rgb(62, 93,  
155) }
```

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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