

Converting Colors

HunterLab(33.5258, -1.1652,
-33.4279)

Have a look what the booklet for
HunterLab(33.5258, -1.1652,
-33.4279) contains.

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Color

**HunterLab(33.5258, -1.1652,
-33.4279)**

Conversions

Conversions Part 1

Format	Color
Hex	23619A
RGB	35, 97, 154
RGB Percent	14%, 38%, 60%
CMY	0.8627, 0.6196, 0.3961
CMYK	0.77, 0.37, 0.00, 0.40
HSL	209°, 63%, 37%
HSV	209°, 77%, 60%
XYZ	10.8006, 11.2398, 32.1721
YIQ	84.9600, -55.2490, 4.5830

Conversions

Conversions Part 2

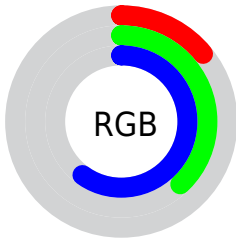
Format	Color
R_{YB}	35, 76, 154
Decimal	2318746
CIE _{Lab}	39.98, 0.88, -36.69
CIE _{LCh}	40, 36.700, 271.377
Yxy	11.2402, 0.1992, 0.2073
Android (android.graphics.Color)	4280508826 (0xFF23619A)
YUV	84.9600, 34.0367, -43.8149
Hunter-Lab	33.5258, -1.1652, -33.4279

Details

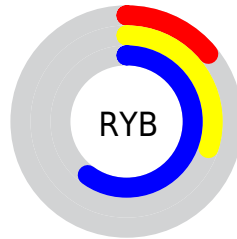
The HunterLab color **33.5258, -1.1652, -33.4279** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **38.2717, 14.4485, 21.3714**, and the grayscale version is **30.0207, -1.6018, 1.6311**.

A 20% lighter version of the original color is **52.9266, -1.9929, -34.9958**, and **18.2400, 3.1352, -29.5664** is the 20% darker color. If you saturate the color by 10%, you get **31.1878, 1.1550, -38.8814**, and if you desaturate by 10%, it is **36.0535, -2.9052, -28.1107**.

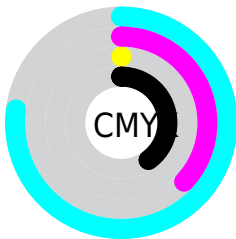
Distribution



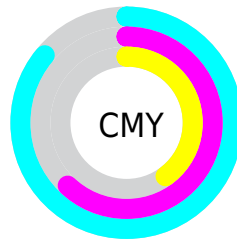
- Red (14%)
- Green (38%)
- Blue (60%)



- Red (14%)
- Yellow (30%)
- Blue (60%)



- Cyan (77%)
- Magenta (37%)
- Yellow (0%)
- Black (40%)



- Cyan (86%)
- Magenta (62%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.5258, -1.1652, -33.4279 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 33.5258, -1.1652, -33.4279 by changing the saturation by 10% instead.

■ 33.5258, -1.1652,
-33.4279

■ 33.5258, -1.1652,
-33.4279

■ 141.1764, -6.5318,
-38.2637

■ 24.9572, -0.7652,
-32.9590

■ 53.0126, -2.1029,
-34.6734

■ 17.2759, -0.4199,
-32.8563

■ 63.8153, -2.6337,
-35.3090

■ 10.6004, -0.1379,
-33.7685

■ 75.2659, -3.2016,
-35.9154

0.0000, INF, -NF

0.0000, NaN, -NF

■ 87.3296, -3.8046,
-36.4810

0.0000, NaN, -NF

■ 99.9768, -4.4406,
-37.0003

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 113.1816, -5.1080,

-37.4708

0.0000, NaN, NaN

126.9215, -5.8055,
-37.8918

■ 33.5258, -1.1652,
-33.4279

■ 33.5258, -1.1652,
-33.4279

■ 31.1878, 1.1550,
-38.8814

■ 36.0535, -2.9052,
-28.1107

■ 29.0382, 4.0237,
-44.4582

■ 38.7544, -4.1025,
-22.9634

■ 28.4680, 4.8467,
-46.0453

■ 41.6134, -4.8068,
-18.0007

■ 44.6153, -5.0726,
-13.2248

■ 47.7463, -4.9525,
-8.6292

■ 50.9941, -4.4950,
-4.2020

■ 54.3478, -3.7430,
0.0711

■ 57.7979, -2.7337,
4.2056

■ 61.3363, -1.4989,
8.2167

Harmonies

Analogous

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



33.5263, -13.3396, -27.8842



33.5258, -1.1652, -33.4279



33.5263, 12.8206, -26.8360

Triad

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



33.5263, -1.1647, -33.4271



33.5263, 23.3688, 12.3025



33.5263, -21.6660, 11.6284

Complementary

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



33.5258, -1.1652, -33.4279



38.2717, 14.4485, 21.3714

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.



33.5263, -14.2618, 16.8009



33.5258, -1.1652, -33.4279



33.5263, 11.5699, 17.0679

Square

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



33.5263, -1.1647, -33.4271



33.5263, 28.2999, 2.4128



33.5263, -2.4121, 18.3132



33.5263, -23.9913, 1.2262

Rectangle

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



33.5258, -1.1652, -33.4279



33.5263, 20.9905, -17.5323



33.5263, -2.4121, 18.3132



33.5263, -19.7532, 13.8672

Sweetspot

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



33.5263, -1.1647, -33.4271



66.0007, -6.4907, -9.3338



49.2100, -34.9086, 17.9123



30.7001, -3.1677, -5.4149



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.



33.5263, -1.1647, -33.4271



39.8196, 4.4604, -58.0770



20.3470, 28.0035, -76.0572



25.5578, -1.8620, -0.3581



25.8355, 4.1121, -41.1690



4.1547, -1.1208, -2.7735

Inverse Universe

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



29.8927, 43.7401, -3.2460



37.3632, 64.9199, -0.0297



53.6797, -12.3309, 31.1042



25.0474, 1.3235, 0.6042



24.6559, 44.1785, 0.7806



3.1342, 5.8319, -1.5749

Previews

White Background



This preview shows how the HunterLab color 33.5258, -1.1652, -33.4279 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 33.5258, -1.1652, -33.4279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

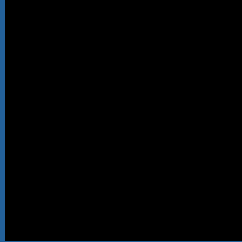
Any Text WCAG AA × Fail

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 33.5258, -1.1652, -33.4279 Background



This preview shows how black text looks on a background with the HunterLab color 33.5258, -1.1652, -33.4279.

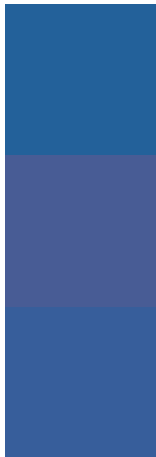


This preview shows how white text looks on a background with the HunterLab color 33.5258, -1.1652, -33.4279.

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

33.5258, -1.1652, -33.4279

Protanopia

33.4693, 5.0248, -29.6581

Deuteranopia

33.4428, 2.8276, -34.3208



Tritanopia

33.2723, -15.9789, -7.0936

Trichromacy



Original Color

33.5258, -1.1652, -33.4279

Protanomaly

33.4209, 2.3590, -31.3055

Deuteranomaly

33.4355, 1.4274, -34.3617

Tritanomaly

33.0533, -11.1279, -15.8440

Monochromacy



Original Color

33.5258, -1.1652, -33.4279

Achromatopsia

30.1400, -1.6082, 1.6376

Achromatomaly

30.7634, -3.3461, -9.5335

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.5258, -1.1652, -33.4279 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(35, 97, 154)` looks like.

```
.text, #text, p{  
    color:rgb(35, 97, 154)  
}
```

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(35, 97, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 97, 154) }
```

Border

The CSS property to change the border of an element to HunterLab 33.5258, -1.1652, -33.4279 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(35, 97, 154) }
```


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

```
.border{ border-color:rgb(35, 97, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 97, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 97, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 97, 154);  
box-shadow:4px 4px 4px 4px rgb(35, 97,  
154) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.5258, -1.1652, -33.4279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 97, 154) }
```

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

```
.background{ background-color: rgb(35, 97,  
154) }
```

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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