

Converting Colors

HunterLab(34.3663, 10.1350,
-54.9982)

Have a look what the booklet for
HunterLab(34.3663, 10.1350,
-54.9982) contains.

HunterLab(34.3663, 10.1350, -54.9982)	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(34.3663, 10.1350,
-54.9982)**

Conversions

Conversions Part 1

Format	Color
Hex	2F5DB6
RGB	47, 93, 182
RGB Percent	18%, 36%, 71%
CMY	0.8156, 0.6353, 0.2863
CMYK	0.74, 0.49, 0.00, 0.29
HSL	220°, 59%, 45%
HSV	220°, 74%, 71%
XYZ	13.5301, 11.8104, 45.8225
YIQ	89.3920, -55.9850, 17.9270

Conversions

Conversions Part 2

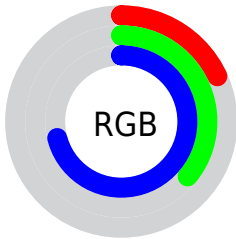
Format	Color
R_{YB}	47, 81, 182
Decimal	3104182
CIE _{Lab}	40.91, 15.76, -51.75
CIE _{LCh}	41, 54.096, 286.933
Yxy	11.8108, 0.1901, 0.1660
Android (android.graphics.Color)	4281294262 (0xFF2F5DB6)
YUV	89.3920, 45.6557, -37.1778
Hunter-Lab	34.3663, 10.1350, -54.9982

Details

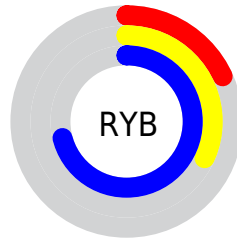
The HunterLab color **34.3663, 10.1350, -54.9982** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **52.6891, 4.7199, 29.5220**, and the grayscale version is **31.6042, -1.6863, 1.7171**.

A 20% lighter version of the original color is **54.0892, 10.8086, -55.9945**, and **19.1636, 12.6010, -51.1546** is the 20% darker color. If you saturate the color by 10%, you get **30.8559, 14.7700, -65.7669**, and if you desaturate by 10%, it is **38.2250, 6.3693, -44.9793**.

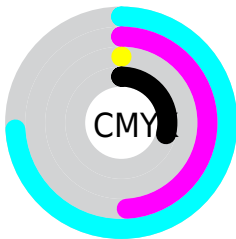
Distribution



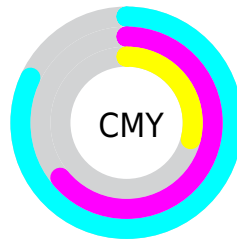
- Red (18%)
- Green (36%)
- Blue (71%)



- Red (18%)
- Yellow (32%)
- Blue (71%)



- Cyan (74%)
- Magenta (49%)
- Yellow (0%)
- Black (29%)



- Cyan (82%)
- Magenta (64%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.3663, 10.1350, -54.9982 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 34.3663, 10.1350, -54.9982 by changing the saturation by 10% instead.

■ 34.3663, 10.1350,
-54.9982

■ 34.3663, 10.1350,
-54.9982

142.5302, 10.8901,
-60.9447

■ 25.7196, 9.6415,
-55.2072

■ 53.9907, 10.8069,
-55.8626

■ 17.9513, 9.0144,
-56.5084

■ 64.8554, 11.0112,
-56.5518

■ 11.1757, 8.2255,
-60.4573

■ 76.3645, 11.1413,
-57.2990

■ 3.1806, 21.4164,
-132.1707

■ 88.4837, 11.2043,
-58.0642

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 101.1839, 11.2062,
-58.8233

0.0000, NaN, -NF

114.4395, 11.1519,

0.0000, NaN, NaN

-59.5619

0.0000, NaN, NaN

128.2282, 11.0453,
-60.2709

■ 34.3663, 10.1350,
-54.9982

■ 34.3663, 10.1350,
-54.9982

■ 30.8559, 14.7700,
-65.7669

■ 38.2250, 6.3693,
-44.9793

■ 27.7532, 20.2811,
-77.0895

■ 42.3763, 3.3819,
-35.7490

■ 26.1217, 23.7591,
-83.9389

■ 46.7756, 1.0624,
-27.2551

■ 51.3868, -0.6975,
-19.4107

■ 56.1810, -1.9922,
-12.1217

■ 61.1353, -2.9007,
-5.2999

■ 66.2313, -3.4872,
1.1324

■ 71.4540, -3.8036,
7.2408

■ 76.7912, -3.8919,
13.0803

Harmonies

Analogous

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



34.3668, -10.1285, -56.5016



34.3663, 10.1350, -54.9982



34.3668, 31.1270, -33.8002

Triad

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



34.3668, 10.1359, -54.9973



34.3668, 28.6683, 19.3301



34.3668, -31.9159, 9.1753

Complementary

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



34.3663, 10.1350, -54.9982



52.6891, 4.7199, 29.5220

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.



34.3668, -25.7189, 18.6777



34.3663, 10.1350, -54.9982



34.3668, 7.3269, 21.8549

Square

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



34.3668, 10.1359, -54.9973



34.3668, 43.3956, 10.9336



34.3668, -12.3639, 21.7146



34.3668, -31.4985, -10.6242

Rectangle

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



34.3663, 10.1350, -54.9982



34.3668, 41.3395, -15.8342



34.3668, -12.3639, 21.7146



34.3668, -30.6107, 13.3652

Sweetspot

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



34.3668, 10.1359, -54.9973



76.8307, -2.9381, -14.6264



59.8356, -38.3170, 13.5770



35.2741, -1.1977, -8.0724



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



34.3668, 10.1359, -54.9973



38.8310, 24.4583, -98.1542



25.7170, 36.8492, -85.5401



30.3419, -1.5370, -1.0262



22.2056, 19.3038, -69.4263



5.3994, 0.9292, -8.7547

Inverse Universe

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



35.7341, 48.7802, 5.6904



44.3337, 73.6066, 13.1548



64.2782, -23.3696, 36.7172



30.1021, 1.4457, 1.3381



26.9817, 47.1594, 10.0515



5.1819, 9.2784, 0.2156

Previews

White Background



This preview shows how the HunterLab color 34.3663, 10.1350, -54.9982 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 34.3663, 10.1350, -54.9982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

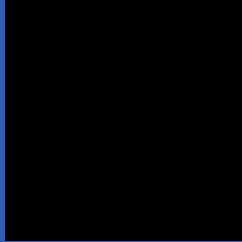
Any Text WCAG AA × Fail

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 34.3663, 10.1350, -54.9982 Background



This preview shows how black text looks on a background with the HunterLab color 34.3663, 10.1350, -54.9982.



This preview shows how white text looks on a background with the HunterLab color 34.3663, 10.1350, -54.9982.

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

34.3663, 10.1350, -54.9982

Protanopia

34.3663, 10.1350, -54.9982

Deuteranopia

34.2256, 1.7202, -46.4925



Tritanopia

34.2495, -16.7054, -6.7468

Trichromacy



Original Color

34.3663, 10.1350, -54.9982

Protanomaly

34.3663, 10.1350, -54.9982

Deuteranomaly

34.0874, 4.4974, -50.3595

Tritanomaly

33.8910, -8.5220, -21.9975

Monochromacy



Original Color

34.3663, 10.1350, -54.9982

Achromatopsia

31.6068, -1.6865, 1.7173

Achromatomaly

31.9347, 0.3191, -15.1071

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.3663, 10.1350, -54.9982 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(47, 93, 182)` looks like.

```
.text, #text, p{  
    color:rgb(47, 93, 182)  
}
```

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(47, 93, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 93, 182) }
```

Border

The CSS property to change the border of an element to HunterLab 34.3663, 10.1350, -54.9982 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(47, 93, 182) }
```


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

```
.border{ border-color:rgb(47, 93, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 93, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 93, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 93, 182);  
box-shadow:4px 4px 4px 4px rgb(47, 93,  
182) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.3663, 10.1350, -54.9982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 93, 182) }
```

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

```
.background{ background-color: rgb(47, 93,  
182) }
```

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