

Converting Colors

HunterLab(35.4597, -10.0804,
4.0107)

Have a look what the booklet for
HunterLab(35.4597, -10.0804,
4.0107) contains.

HunterLab(35.5201, -9.9962, 4.0361)	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(35.5201, -9.9962,
4.0361)**

Conversions

Conversions Part 1

Format	Color
Hex	50695E
RGB	80, 105, 94
RGB Percent	31%, 41%, 37%
CMY	0.6863, 0.5882, 0.6314
CMYK	0.24, 0.00, 0.10, 0.59
HSL	154°, 14%, 36%
HSV	154°, 24%, 41%
XYZ	10.3802, 12.6168, 12.4778
YIQ	96.2710, -11.3690, -8.7210

Conversions

Conversions Part 2

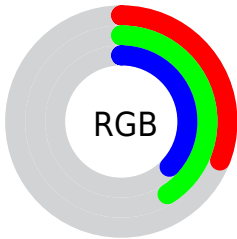
Format	Color
R_{YB}	80, 96, 105
Decimal	5269854
CIE _{Lab}	42.18, -11.78, 3.17
CIE _{LCh}	42, 12.198, 164.959
Yxy	12.6173, 0.2926, 0.3557
Android (android.graphics.Color)	4283459934 (0xFF50695E)
YUV	96.2710, -1.1196, -14.2697
Hunter-Lab	35.5201, -9.9962, 4.0361

Details

The HunterLab color $35.5201, -9.9962, 4.0361$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $30.8160, 7.3744, 0.0738$, and the grayscale version is $34.3098, -1.8307, 1.8641$.

A 20% lighter version of the original color is $55.2597, -12.3045, 5.5254$, and $18.9198, -7.5775, 2.7627$ is the 20% darker color. If you saturate the color by 10%, you get $34.8065, -12.9052, 4.9793$, and if you desaturate by 10%, it is $36.3265, -6.8111, 3.1531$.

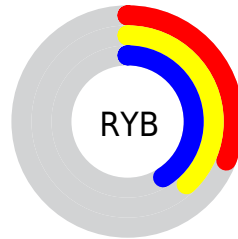
Distribution



Red (31%)

Green (41%)

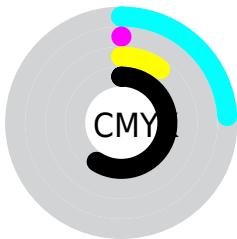
Blue (37%)



Red (31%)

Yellow (38%)

Blue (41%)

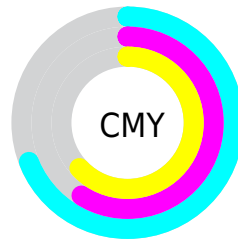


Cyan (24%)

Magenta (0%)

Yellow (10%)

Black (59%)



Cyan (69%)

Magenta (59%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.5201, -9.9962, 4.0361 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 35.5201, -9.9962, 4.0361 by changing the saturation by 10% instead.

■ 35.5201, -9.9962,
4.0361

■ 35.5201, -9.9962,
4.0361

144.3781,
-21.0158, 11.2806

■ 26.7685, -8.7277,
3.3583

■ 55.3304, -12.4594,
5.4696

■ 18.8835, -7.4074,
2.7033

■ 66.2788, -13.6743,
6.2251

■ 11.9741, -5.9952,
2.0663

■ 77.8670, -14.8865,
7.0062

■ 4.9136, -8.5988,
2.9379

■ 90.0614, -16.1002,
7.8125

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 102.8333,
-17.3181, 8.6437

0.0000, NaN, NaN

116.1576,

0.0000, NaN, NaN

-18.5423, 9.4991

0.0000, NaN, NaN

130.0124,
-19.7745, 10.3782

■ 35.5201, -9.9962,
4.0361

■ 35.5201, -9.9962,
4.0361

■ 34.8065, -12.9052,
4.9793

■ 36.3265, -6.8111,
3.1531

■ 34.1841, -15.5124,
5.9728

■ 37.2217, -3.3749,
2.3354

■ 33.6533, -17.7996,
7.0069

■ 38.2041, 0.2839,
1.5880

■ 33.2127, -19.7541,
8.0697

■ 39.2708, 4.1369,
0.9139

■ 32.8590, -21.3719,
9.1479

■ 40.4185, 8.1570,
0.3143

■ 32.5874, -22.6587,
10.2275

■ 41.6434, 12.3188,
-0.2109

■ 32.3877, -23.6472,
11.2901

■ 42.9420, 16.5991,
-0.6629

■ 32.2758, -24.2071,
11.9141

■ 44.3105, 20.9774,
-1.0438

■ 45.7449, 25.4357,
-1.3564

Harmonies

Analogous

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



35.5208, -7.8996, 7.3580



35.5201, -9.9962, 4.0361



35.5208, -9.9998, -0.2942

Triad

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



35.5208, -9.9968, 4.0366



35.5208, 0.4012, -7.1347



35.5208, 4.5419, 7.3509

Complementary

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



35.5201, -9.9962, 4.0361



30.8160, 7.3744, 0.0738

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.



35.5208, 7.0038, 4.0256



35.5201, -9.9962, 4.0361



35.5208, 4.5323, -4.5097

Square

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



35.5208, -9.9968, 4.0366



35.5208, -4.1506, -7.1307



35.5208, 7.0002, -0.3066



35.5208, 0.4138, 9.1004

Rectangle

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



35.5201, -9.9962, 4.0361



35.5208, -8.8206, -3.2013



35.5208, 7.0002, -0.3066



35.5208, 5.6008, 6.4003

Sweetspot

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



35.5208, -9.9968, 4.0366



49.3873, -6.1105, 3.4858



35.9441, -9.0750, 9.4706



23.8836, -3.0322, 1.7045



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



35.5208, -9.9968, 4.0366



46.9403, -15.7680, 6.1525



35.4631, -7.7818, -0.6291



18.6293, -2.6270, 1.3940



36.3073, -27.3025, 13.5571



81.8488, -62.2976, 32.1788

Inverse Universe

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



30.8160, 7.3744, 0.0738



39.1346, 13.1214, -0.3842



30.8299, 5.3071, 4.4943



17.7111, 0.7517, 0.6148



20.1177, 35.6674, 3.5791



45.2253, 79.8306, 10.7676

Previews

White Background



This preview shows how the HunterLab color 35.5201, -9.9962, 4.0361 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 35.5201, -9.9962, 4.0361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

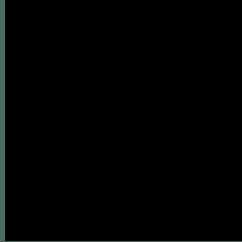
Any Text WCAG AA ✗ Fail

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 35.5201, -9.9962, 4.0361 Background



This preview shows how black text looks on a background with the HunterLab color 35.5201, -9.9962, 4.0361.



This preview shows how white text looks on a background with the HunterLab color 35.5201, -9.9962,

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

35.5201, -9.9962, 4.0361

Protanopia

35.4437, -1.8763, 5.2509

Deuteranopia

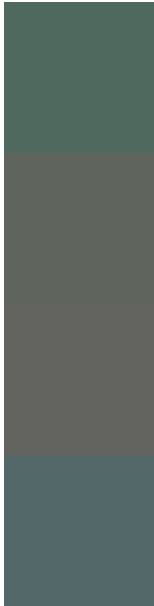
35.3911, 2.2440, 3.3079



Tritanopia

35.6191, -5.7714, -3.1859

Trichromacy



Original Color

35.5201, -9.9962, 4.0361

Protanomaly

35.3737, -4.8587, 4.7411

Deuteranomaly

35.2173, -2.4652, 3.4306

Tritanomaly

35.6572, -7.4354, -0.3807

Monochromacy



Original Color

35.5201, -9.9962, 4.0361

Achromatopsia

34.2010, -1.8249, 1.8582

Achromatomaly

34.5305, -4.8898, 2.6025

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.5201, -9.9962, 4.0361 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(80, 105, 94)` looks like.

```
.text, #text, p{  
    color:rgb(80, 105, 94)  
}
```

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(80, 105, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 105, 94) }
```

Border

The CSS property to change the border of an element to HunterLab 35.5201, -9.9962, 4.0361 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(80, 105, 94) }
```


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

```
.border{ border-color:rgb(80, 105, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 105, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 105, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 105, 94);  
box-shadow:4px 4px 4px 4px rgb(80, 105,  
94) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.5201, -9.9962, 4.0361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 105, 94) }
```

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

```
.background{ background-color: rgb(80, 105,  
94) }
```

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