

Converting Colors

HunterLab(35.8962, 0.0709,
3.2655)

Have a look what the booklet for
HunterLab(35.8962, 0.0709, 3.2655)
contains.

HunterLab(35.9340, 0.1170, 3.4845)	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(35.9340, 0.1170,
3.4845)**

Conversions

Conversions Part 1

Format	Color
Hex	6B6361
RGB	107, 99, 97
RGB Percent	42%, 39%, 38%
CMY	0.5804, 0.6118, 0.6196
CMYK	0.00, 0.07, 0.09, 0.58
HSL	12°, 5%, 40%
HSV	12°, 9%, 42%
XYZ	12.6829, 12.9125, 13.1332
YIQ	101.1640, 5.4100, 1.0740

Conversions

Conversions Part 2

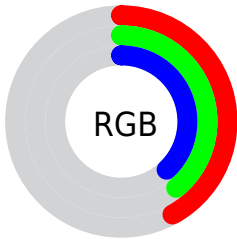
Format	Color
R_{YB}	107, 100, 97
Decimal	7037793
CIE _{Lab}	42.63, 2.78, 2.27
CIE _{LCh}	43, 3.591, 39.237
Yxy	12.9131, 0.3275, 0.3334
Android (android.graphics.Color)	4285227873 (0xFF6B6361)
YUV	101.1640, -2.0529, 5.1182
Hunter-Lab	35.9340, 0.1170, 3.4845

Details

The HunterLab color $35.9340, 0.1170, 3.4845$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $37.0214, -3.8666, 0.4677$, and the grayscale version is $36.1429, -1.9285, 1.9637$.

A 20% lighter version of the original color is $55.8748, -0.8164, 4.6860$, and $19.3543, 0.5690, 2.3415$ is the 20% darker color. If you saturate the color by 10%, you get $33.4517, 2.5526, 4.9402$, and if you desaturate by 10%, it is $38.5160, -2.1935, 1.9839$.

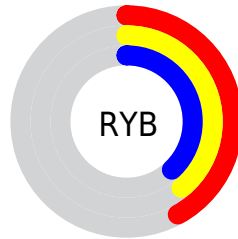
Distribution



Red (42%)

Green (39%)

Blue (38%)



Red (42%)

Yellow (39%)

Blue (38%)

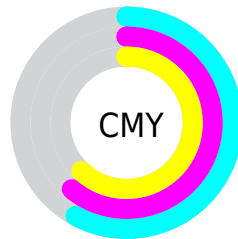


Cyan (0%)

Magenta (7%)

Yellow (9%)

Black (58%)



Cyan (58%)

Magenta (61%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.9340, 0.1170, 3.4845 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 35.9340, 0.1170, 3.4845 by changing the saturation by 10% instead.

■ 35.9340, 0.1170,
3.4845

■ 35.9340, 0.1170,
3.4845

■ 145.0379, -4.5275,
10.3628

■ 27.1454, 0.4080,
2.8637

■ 55.8100, -0.6304,
4.8188

■ 19.2191, 0.6350,
2.2728

■ 66.7881, -1.0741,
5.5299

■ 12.2628, 0.7837,
1.7109

■ 78.4043, -1.5595,
6.2692

■ 5.3980, 1.9572,
2.0383

■ 90.6253, -2.0839,
7.0360

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 103.4227, -2.6448,
7.8295

0.0000, NaN, NaN

■ 116.7714, -3.2401,

0.0000, NaN, NaN

8.6490

0.0000, NaN, NaN

130.6497, -3.8682,
9.4936

■ 35.9340, 0.1170,
3.4845

■ 35.9340, 0.1170,
3.4845

■ 33.4517, 2.5526,
4.9402

■ 38.5160, -2.1935,
1.9839

■ 31.0799, 5.1268,
6.3359

■ 41.1843, -4.3884,
0.4461

■ 28.8353, 7.8444,
7.6536

■ 43.9305, -6.4816,
-1.1215

■ 26.7365, 10.7018,
8.8680

■ 46.7468, -8.4851,
-2.7141

■ 24.8052, 13.6791,
9.9457

■ 49.6268, -10.4103,
-4.3282

■ 23.0659, 16.7317,
10.8450

■ 52.5649, -12.2670,
-5.9615

■ 21.5443, 19.7801,
11.5189

■ 55.5564, -14.0642,
-7.6121

■ 20.2658, 22.7048,
11.9229

■ 58.5974, -15.8094,
-9.2786

■ 19.2366, 25.2944,
12.2344

■ 61.6843, -17.5094,
-10.9602

Harmonies

Analogous

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



35.9348, 0.6822, 2.3507



35.9340, 0.1170, 3.4845



35.9348, -0.9933, 4.1920

Triad

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



35.9348, 0.1160, 3.4851



35.9348, -4.3175, 2.8215



35.9348, -1.5011, -0.5710

Complementary

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



35.9340, 0.1170, 3.4845



37.0214, -3.8666, 0.4677

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.



35.9348, -2.8361, -0.4335



35.9340, 0.1170, 3.4845



35.9348, -4.4489, 1.5569

Square

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



35.9348, 0.1160, 3.4851



35.9348, -3.5486, 3.8188



35.9348, -3.9103, 0.3567



35.9348, -0.2605, -0.0122

Rectangle

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



35.9340, 0.1170, 3.4845



35.9348, -1.8847, 4.3415



35.9348, -3.9103, 0.3567



35.9348, -1.9539, -0.6051

Sweetspot

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



35.9348, 0.1160, 3.4851



50.2340, -1.7985, 3.4122



35.6304, 2.2128, -0.2452



24.5953, -0.7794, 1.7478



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



35.9348, 0.1160, 3.4851



47.4220, 0.7821, 5.0515



37.2688, -2.1350, 4.9356



17.9051, 0.0127, 1.7037



21.0592, 28.3496, 13.4729



46.4477, 67.3846, 29.8006

Inverse Universe

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



37.0214, -3.8666, 0.4677



49.1779, -5.6559, 0.1749



35.6615, -1.6374, -1.1807



18.4232, -1.8861, 0.2650



30.4372, -10.9527, -14.4001



67.7982, -23.4872, -34.0397

Previews

White Background



This preview shows how the HunterLab color 35.9340, 0.1170, 3.4845 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 35.9340, 0.1170, 3.4845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

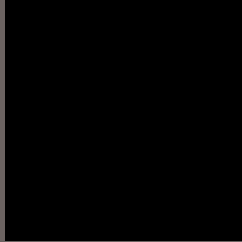
Any Text WCAG AA × Fail

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 35.9340, 0.1170, 3.4845 Background



This preview shows how black text looks on a background with the HunterLab color 35.9340, 0.1170, 3.4845.



This preview shows how white text looks on a background with the HunterLab color 35.9340, 0.1170,

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

35.9340, 0.1170, 3.4845

Protanopia

35.8884, -1.3524, 3.0005

Deuteranopia

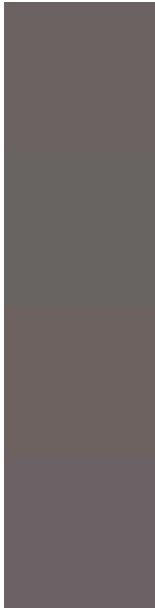
35.8569, 2.5356, 3.4392



Tritanopia

35.9770, 2.0451, 0.1798

Trichromacy



Original Color

35.9340, 0.1170, 3.4845

Protanomaly

35.9712, -1.0661, 3.1004

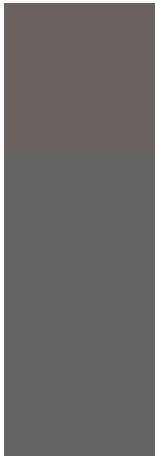
Deuteranomaly

35.9353, 1.4680, 3.5096

Tritanomaly

35.8926, 1.5918, 1.3801

Monochromacy



Original Color

35.9340, 0.1170, 3.4845

Achromatopsia

36.0744, -1.9248, 1.9600

Achromatomaly

35.9416, -1.0617, 2.2397

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.9340, 0.1170, 3.4845 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(107, 99, 97)` looks like.

```
.text, #text, p{  
    color:rgb(107, 99, 97)  
}
```

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(107, 99, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 99, 97) }
```

Border

The CSS property to change the border of an element to HunterLab 35.9340, 0.1170, 3.4845 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(107, 99, 97) }
```


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

```
.border{ border-color:rgb(107, 99, 97) }
```

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

Here you see how a box with a 4 pixel rgb(107, 99, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 99, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 99, 97);  
box-shadow:4px 4px 4px 4px rgb(107, 99,  
97) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.9340, 0.1170, 3.4845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 99, 97) }
```

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

```
.background{ background-color: rgb(107, 99,  
97) }
```

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