

Converting Colors

HunterLab(35.3555, -5.0882,
5.1134)

Have a look what the booklet for
HunterLab(35.3555, -5.0882, 5.1134)
contains.

HunterLab(35.3491, -4.9954, 5.0937)	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(35.3491, -4.9954,
5.0937)**

Conversions

Conversions Part 1

Format	Color
Hex	5F655B
RGB	95, 101, 91
RGB Percent	37%, 40%, 36%
CMY	0.6274, 0.6039, 0.6431
CMYK	0.06, 0.00, 0.10, 0.60
HSL	96°, 5%, 38%
HSV	96°, 10%, 40%
XYZ	11.2613, 12.4956, 11.7159
YIQ	98.0660, -0.3660, -4.3820

Conversions

Conversions Part 2

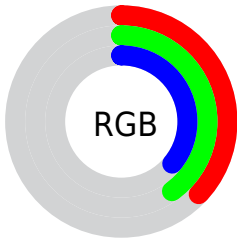
Format	Color
RYB	91, 101, 97
Decimal	6251867
CIELab	41.99, -4.40, 4.86
CIElCh	42, 6.554, 132.110
Yxy	12.4961, 0.3175, 0.3523
Android (android.graphics.Color)	4284441947 (0xFF5F655B)
YUV	98.0660, -3.4835, -2.6889
Hunter-Lab	35.3491, -4.9954, 5.0937

Details

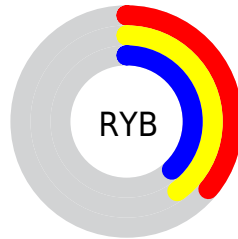
The HunterLab color $[35.3491, -4.9954, 5.0937]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[33.1111, 1.4652, -1.6188]$, and the grayscale version is $[34.9865, -1.8668, 1.9009]$.

A 20% lighter version of the original color is $[55.1356, -6.7671, 6.7577]$, and $[18.6568, -3.3780, 3.5475]$ is the 20% darker color. If you saturate the color by 10%, you get $[34.6717, -7.9086, 7.9476]$, and if you desaturate by 10%, it is $[36.0828, -1.8938, 1.9277]$.

Distribution



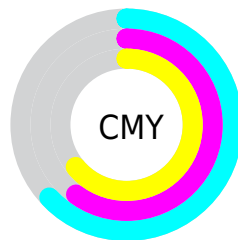
- Red (37%)
- Green (40%)
- Blue (36%)



- Red (36%)
- Yellow (40%)
- Blue (38%)



- Cyan (6%)
- Magenta (0%)
- Yellow (10%)
- Black (60%)



- Cyan (63%)
- Magenta (60%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.3491, -4.9954, 5.0937 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 35.3491, -4.9954, 5.0937 by changing the saturation by 10% instead.

■ 35.3491, -4.9954,
5.0937

■ 35.3491, -4.9954,
5.0937

144.1051,
-12.7156, 13.0617

■ 26.6130, -4.2385,
4.3028

■ 55.1321, -6.5655,
6.7240

■ 18.7450, -3.4936,
3.5200

■ 66.0682, -7.3805,
7.5672

■ 11.8552, -2.7520,
2.7332

■ 77.6448, -8.2166,
8.4308

■ 4.6984, -4.3272,
3.2889

■ 89.8282, -9.0741,
9.3152

0.0000, NaN, NaN

0.0000, NaN, NaN

102.5895, -9.9528,
10.2205

0.0000, NaN, NaN

115.9037,

0.0000, NaN, NaN

-10.8528, 11.1468

0.0000, NaN, NaN

129.7488,
-11.7738, 12.0939

■ 35.3491, -4.9954,
5.0937

■ 35.3491, -4.9954,
5.0937

■ 34.6717, -7.9086,
7.9476

■ 36.0828, -1.8938,
1.9277

■ 34.0495, -10.6156,
10.4735

■ 36.8692, 1.3826,
-1.5350

■ 33.4839, -13.1028,
12.6607

■ 37.7076, 4.8167,
-5.2758

■ 32.9754, -15.3580,
14.5019

■ 38.5963, 8.3926,
-9.2754

■ 32.5237, -17.3715,
15.9955

■ 39.5335, 12.0951,
-13.5147

■ 32.1284, -19.1370,
17.1460

■ 40.5173, 15.9097,
-17.9746

■ 31.7880, -20.6528,
17.9655

■ 41.5458, 19.8232,
-22.6367

■ 31.5008, -21.9222,
18.4756

■ 42.6172, 23.8232,
-27.4834

■ 31.2542, -23.0138,
18.8505

■ 43.7295, 27.8988,
-32.4983

Harmonies

Analogous

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



35.3499, -2.8724, 6.0369



35.3491, -4.9954, 5.0937



35.3499, -6.2665, 3.2752

Triad

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



35.3499, -4.9962, 5.0942



35.3499, -3.3256, -2.6185



35.3499, 2.8439, 2.8528

Complementary

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



35.3491, -4.9954, 5.0937



33.1111, 1.4652, -1.6188

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.



35.3499, 2.7144, 0.5176



35.3491, -4.9954, 5.0937



35.3499, -0.8929, -2.7510

Square

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



35.3499, -4.9962, 5.0942



35.3499, -5.3203, -1.2193



35.3499, 1.3313, -1.5696



35.3499, 1.6803, 4.8032

Rectangle

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



35.3491, -4.9954, 5.0937



35.3499, -6.4801, 1.7586



35.3499, 1.3313, -1.5696



35.3499, 2.9510, 2.0890

Sweetspot

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



35.3499, -4.9962, 5.0942



46.9632, -3.8002, 3.8889



34.7447, -1.5663, 4.4922



23.2629, -2.0226, 2.0702



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



35.3499, -4.9962, 5.0942



46.0932, -7.4984, 7.6228



35.0781, -5.9196, 4.3971



17.8635, -2.3721, 2.4211



35.7531, -26.5014, 21.5669



81.3559, -61.7556, 49.0500

Inverse Universe

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



33.1111, 1.4652, -1.6188



42.4487, 3.0239, -3.3129



33.4205, 2.4480, -0.7538



16.8440, 0.5701, -0.6352



15.7866, 34.8392, -50.2960



35.3262, 78.6867, -118.1745

Previews

White Background



This preview shows how the HunterLab color 35.3491, -4.9954, 5.0937 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 35.3491, -4.9954, 5.0937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

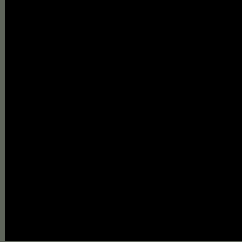
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

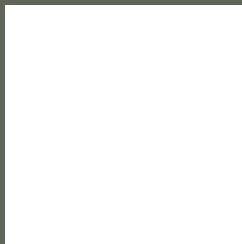
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 35.3491, -4.9954, 5.0937 Background



This preview shows how black text looks on a background with the HunterLab color 35.3491, -4.9954, 5.0937.

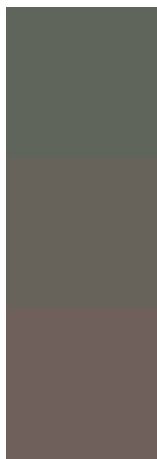


This preview shows how white text looks on a background with the HunterLab color 35.3491, -4.9954, 5.0937.

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

35.3491, -4.9954, 5.0937

Protanopia

35.4195, -2.0089, 5.5984

Deuteranopia

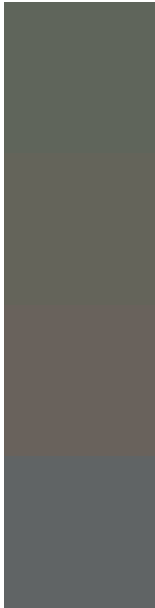
35.3807, 2.0063, 4.8690



Tritanopia

35.3929, -1.1879, -1.5136

Trichromacy



Original Color

35.3491, -4.9954, 5.0937

Protanomaly

35.4427, -3.3107, 5.6005

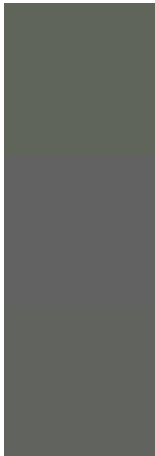
Deuteranomaly

35.3714, -0.7109, 4.8112

Tritanomaly

35.4129, -2.8470, 1.1582

Monochromacy



Original Color

35.3491, -4.9954, 5.0937

Achromatopsia

34.9484, -1.8648, 1.8988

Achromatomaly

35.0589, -3.0198, 3.2411

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.3491, -4.9954, 5.0937 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(95, 101, 91)` looks like.

```
.text, #text, p{  
    color:rgb(95, 101, 91)  
}
```

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(95, 101, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 101, 91) }
```

Border

The CSS property to change the border of an element to HunterLab 35.3491, -4.9954, 5.0937 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(95, 101, 91) }
```


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

```
.border{ border-color:rgb(95, 101, 91) }
```

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

Here you see how a box with a 4 pixel rgb(95, 101, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 101, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 101, 91);  
box-shadow:4px 4px 4px 4px rgb(95, 101,  
91) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.3491, -4.9954, 5.0937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 101, 91) }
```

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

```
.background{ background-color: rgb(95, 101,  
91) }
```

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