

Converting Colors

HunterLab(35.4705, -7.3164,
6.6566)

Have a look what the booklet for
HunterLab(35.4705, -7.3164, 6.6566)
contains.

HunterLab(35.5145, -7.4413, 6.7003)	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(35.5145, -7.4413,
6.7003)**

Conversions

Conversions Part 1

Format	Color
Hex	5B6757
RGB	91, 103, 87
RGB Percent	36%, 40%, 34%
CMY	0.6431, 0.5961, 0.6588
CMYK	0.12, 0.00, 0.16, 0.60
HSL	105°, 8%, 37%
HSV	105°, 16%, 40%
XYZ	10.8850, 12.6128, 10.8777
YIQ	97.5880, -2.0160, -7.5200

Conversions

Conversions Part 2

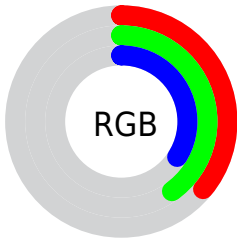
Format	Color
R_{YB}	87, 103, 99
Decimal	5990231
CIE Lab	42.17, -7.94, 7.50
CIE LCh	42, 10.922, 136.640
Yxy	12.6133, 0.3166, 0.3669
Android (android.graphics.Color)	4284180311 (0xFF5B6757)
YUV	97.5880, -5.2199, -5.7777
Hunter-Lab	35.5145, -7.4413, 6.7003

Details

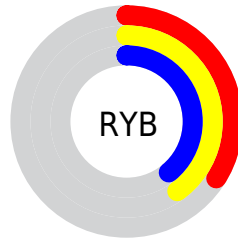
The HunterLab color $35.5145, -7.4413, 6.7003$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $32.3245, 4.1896, -3.5463$, and the grayscale version is $34.8143, -1.8576, 1.8915$.

A 20% lighter version of the original color is $55.2992, -9.4416, 8.5350$, and $18.8505, -5.3923, 4.6315$ is the 20% darker color. If you saturate the color by 10%, you get $34.7623, -10.6606, 9.3527$, and if you desaturate by 10%, it is $36.3414, -3.9786, 3.7526$.

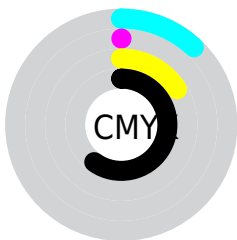
Distribution



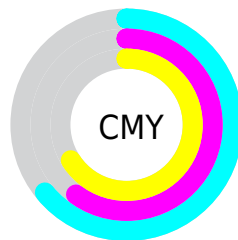
- Red (36%)
- Green (40%)
- Blue (34%)



- Red (34%)
- Yellow (40%)
- Blue (39%)



- Cyan (12%)
- Magenta (0%)
- Yellow (16%)
- Black (60%)



- Cyan (64%)
- Magenta (60%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.5145, -7.4413, 6.7003 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 35.5145, -7.4413, 6.7003 by changing the saturation by 10% instead.

■ 35.5145, -7.4413,
6.7003

■ 35.5145, -7.4413,
6.7003

144.3692,
-16.7339, 15.8270

■ 26.7635, -6.4422,
5.7267

■ 55.3239, -9.4358,
8.6472

■ 18.8789, -5.4254,
4.7368

■ 66.2719, -10.4411,
9.6313

■ 11.9703, -4.3684,
3.7070

■ 77.8597, -11.4565,
10.6269

■ 4.9067, -7.3142,
3.4347

■ 90.0538, -12.4838,
11.6361

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 102.8253,
-13.5245, 12.6600

0.0000, NaN, NaN

116.1494,

0.0000, NaN, NaN

-14.5793, 13.6994

0.0000, NaN, NaN

130.0038,
-15.6490, 14.7550

■ 35.5145, -7.4413,
6.7003

■ 35.5145, -7.4413,
6.7003

■ 34.7623, -10.6606,
9.3527

■ 36.3414, -3.9786,
3.7526

■ 34.0840, -13.6106,
11.6901

■ 37.2387, -0.2945,
0.5292

■ 33.4815, -16.2709,
13.6982

■ 38.2048, 3.5856,
-2.9471

■ 32.9551, -18.6237,
15.3676

■ 39.2370, 7.6381,
-6.6534

■ 32.5044, -20.6561,
16.6955

■ 40.3326, 11.8405,
-10.5674

■ 32.1278, -22.3613,
17.6874

■ 41.4887, 16.1721,
-14.6676

■ 31.8231, -23.7401,
18.3586

■ 42.7023, 20.6139,
-18.9335

■ 31.5835, -24.8202,
18.7791

■ 43.9708, 25.1491,
-23.3467

■ 31.4917, -25.2392,
18.9632

■ 45.2911, 29.7631,
-27.8901

Harmonies

Analogous

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



35.5153, -4.1236, 8.3868



35.5145, -7.4413, 6.7003



35.5153, -9.2374, 3.6207

Triad

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



35.5153, -7.4421, 6.7008



35.5153, -3.6980, -6.1534



35.5153, 5.9662, 4.0118

Complementary

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



35.5145, -7.4413, 6.7003



32.3245, 4.1896, -3.5463

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.



35.5153, 6.0929, 0.1586



35.5145, -7.4413, 6.7003



35.5153, 0.3860, -6.0179

Square

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



35.5153, -7.4421, 6.7008



35.5153, -7.1427, -3.9549



35.5153, 4.0109, -3.6033



35.5153, 3.6722, 6.9591

Rectangle

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



35.5145, -7.4413, 6.7003



35.5153, -9.3842, 1.0562



35.5153, 4.0109, -3.6033



35.5153, 6.2672, 2.7884

Sweetspot

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



35.5153, -7.4421, 6.7008



48.6734, -5.1376, 4.8605



35.3496, -2.3972, 6.6165



24.0122, -2.6599, 2.5064



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.



35.5153, -7.4421, 6.7008



47.1058, -11.7318, 10.4428



35.3308, -7.9241, 5.0220



17.8119, -2.5560, 2.3613



35.3003, -28.4019, 21.2547



80.3934, -65.8113, 48.3859

Inverse Universe

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



32.3245, 4.1896, -3.5463



41.7586, 7.7776, -6.7559



32.5595, 4.7204, -1.3509



16.9007, 0.7623, -0.5598



17.9269, 37.5729, -41.6901



40.4160, 85.1124, -97.1288

Previews

White Background



This preview shows how the HunterLab color 35.5145, -7.4413, 6.7003 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 35.5145, -7.4413, 6.7003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

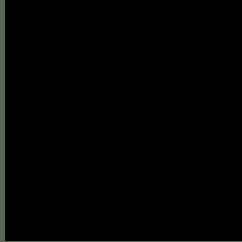
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

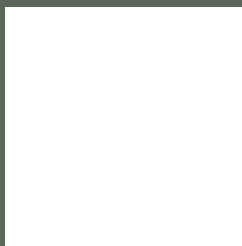
Any Text WCAG AAA × Fail

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

HunterLab 35.5145, -7.4413, 6.7003 Background



This preview shows how black text looks on a background with the HunterLab color 35.5145, -7.4413, 6.7003.



This preview shows how white text looks on a background with the HunterLab color 35.5145, -7.4413,

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

35.5145, -7.4413, 6.7003

Protanopia

35.3873, -2.3537, 7.3648

Deuteranopia

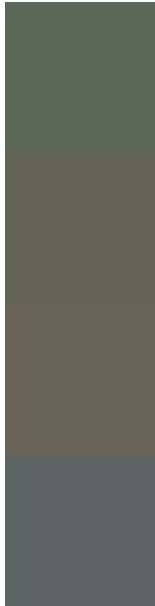
35.4698, 2.1138, 6.4605



Tritanopia

35.4637, -2.2655, -1.9062

Trichromacy



Original Color

35.5145, -7.4413, 6.7003

Protanomaly

35.2688, -4.1122, 6.8600

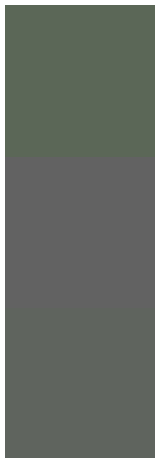
Deuteranomaly

35.5408, -1.6818, 6.4688

Tritanomaly

35.4325, -4.2333, 1.5847

Monochromacy



Original Color

35.5145, -7.4413, 6.7003

Achromatopsia

34.9484, -1.8648, 1.8988

Achromatomaly

35.1502, -4.1451, 3.7246

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.5145, -7.4413, 6.7003 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(91, 103, 87)` looks like.

```
.text, #text, p{  
    color:rgb(91, 103, 87)  
}
```

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(91, 103, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 103, 87) }
```

Border

The CSS property to change the border of an element to HunterLab 35.5145, -7.4413, 6.7003 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(91, 103, 87) }
```


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

```
.border{ border-color:rgb(91, 103, 87) }
```

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

Here you see how a box with a 4 pixel rgb(91, 103, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 103, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 103, 87);  
box-shadow:4px 4px 4px 4px rgb(91, 103,  
87) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.5145, -7.4413, 6.7003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 103, 87) }
```

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

```
.background{ background-color: rgb(91, 103,  
87) }
```

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