

Converting Colors

HunterLab(35.8018, 7.5606,
-14.3436)

Have a look what the booklet for
HunterLab(35.8018, 7.5606,
-14.3436) contains.

HunterLab(35.8903, 7.5746, -14.4099)	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(35.8903, 7.5746,
-14.4099)**

Conversions

Conversions Part 1

Format	Color
Hex	695F85
RGB	105, 95, 133
RGB Percent	41%, 37%, 52%
CMY	0.5882, 0.6274, 0.4784
CMYK	0.21, 0.29, 0.00, 0.48
HSL	256°, 17%, 45%
HSV	256°, 29%, 52%
XYZ	14.1516, 12.8811, 23.9308
YIQ	102.3220, -6.2380, 13.9380

Conversions

Conversions Part 2

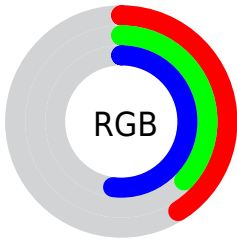
Format	Color
R_{YB}	105, 95, 133
Decimal	6905733
CIE _{Lab}	42.58, 12.49, -19.69
CIE _{LCh}	43, 23.318, 302.392
Yxy	12.8817, 0.2777, 0.2528
Android (android.graphics.Color)	4285095813 (0xFF695F85)
YUV	102.3220, 15.1243, 2.3486
Hunter-Lab	35.8903, 7.5746, -14.4099

Details

The HunterLab color $[35.8903, 7.5746, -14.4099]$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $[46.7039, -10.5601, 14.8491]$, and the grayscale version is $[36.5197, -1.9486, 1.9842]$.

A 20% lighter version of the original color is $[55.6454, 8.1351, -15.0662]$, and $[19.2120, 6.7671, -13.2985]$ is the 20% darker color. If you saturate the color by 10%, you get $[31.8229, 11.4453, -21.5343]$, and if you desaturate by 10%, it is $[40.1421, 3.8884, -7.9720]$.

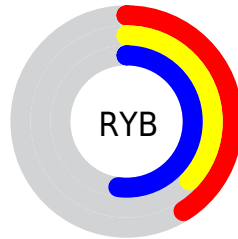
Distribution



Red (41%)

Green (37%)

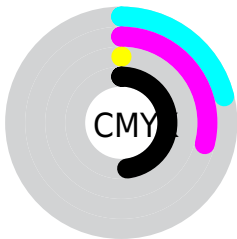
Blue (52%)



Red (41%)

Yellow (37%)

Blue (52%)

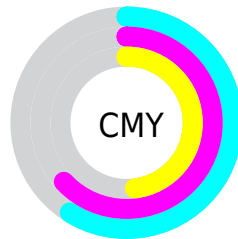


Cyan (21%)

Magenta (29%)

Yellow (0%)

Black (48%)



Cyan (59%)

Magenta (63%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.8903, 7.5746, -14.4099 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 35.8903, 7.5746, -14.4099 by changing the saturation by 10% instead.

■ 35.8903, 7.5746,
-14.4099

■ 35.8903, 7.5746,
-14.4099

■ 144.9682, 6.9309,
-15.3889

■ 27.1055, 7.2822,
-13.9915

■ 55.7593, 7.8786,
-15.0490

■ 19.1836, 6.8736,
-13.5278

■ 66.7343, 7.9152,
-15.2695

■ 12.2323, 6.3204,
-13.0837

■ 78.3475, 7.8858,
-15.4271

■ 5.3489, 9.8905,
-17.1418

■ 90.5658, 7.7967,
-15.5254

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 103.3604, 7.6528,
-15.5676

0.0000, NaN, NaN

■ 116.7066, 7.4583,

0.0000, NaN, NaN

-15.5571

0.0000, NaN, NaN

130.5824, 7.2167,
-15.4966

■ 35.8903, 7.5746,
-14.4099

■ 35.8903, 7.5746,
-14.4099

■ 31.8229, 11.4453,
-21.5343

■ 40.1421, 3.8884,
-7.9720

■ 27.9762, 15.5355,
-29.5177

■ 44.5479, 0.3521,
-2.0776

■ 24.4045, 19.8555,
-38.5258

■ 49.0873, -3.0670,
3.3909

■ 21.1819, 24.3477,
-48.6347

■ 53.7442, -6.3958,
8.5246

■ 18.4086, 28.7945,
-59.6234

■ 58.5060, -9.6560,
13.3942

■ 16.2061, 32.6938,
-70.6257

■ 63.3626, -12.8646,
18.0543

■ 14.5502, 35.8269,
-80.8305

■ 68.3059, -16.0351,
22.5475

■ 14.3206, 36.3495,
-82.4127

■ 73.3291, -19.1780,
26.9072

■ 78.4266, -22.3019,
31.1598

Harmonies

Analogous

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



35.8910, -1.2103, -18.0612



35.8903, 7.5746, -14.4099



35.8910, 14.2874, -6.3066

Triad

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



35.8910, 7.5740, -14.4091



35.8910, 6.2396, 13.4626



35.8910, -17.2637, 1.2775

Complementary

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



35.8903, 7.5746, -14.4099



46.7039, -10.5601, 14.8491

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.



35.8910, -15.6751, 8.6228



35.8903, 7.5746, -14.4099



35.8910, -2.6183, 14.5726

Square

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



35.8910, 7.5740, -14.4091



35.8910, 13.4664, 9.5306



35.8910, -10.5139, 13.0338



35.8910, -15.0791, -7.7495

Rectangle

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



35.8903, 7.5746, -14.4099



35.8910, 16.3801, -0.2365



35.8910, -10.5139, 13.0338



35.8910, -17.1534, 4.0139

Sweetspot

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



35.8910, 7.5740, -14.4091



59.2344, 0.7664, -3.2623



42.9151, -8.1416, -4.3561



27.7580, 0.6434, -2.0070



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



35.8910, 7.5740, -14.4091



44.6209, 13.3166, -25.0741



37.5850, 12.9038, -11.6198



21.4463, 0.2638, -1.1581



13.9890, 35.4871, -80.3429



0.9959, 2.2666, -3.7060

Inverse Universe

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



38.2119, 14.1326, -5.2827



48.5074, 23.8570, -9.1676



45.3593, -15.5467, 13.5258



21.7772, 1.2908, 0.0091



23.6456, 44.0518, -12.3023



1.4343, 2.7434, -1.2985

Previews

White Background



This preview shows how the HunterLab color 35.8903, 7.5746, -14.4099 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 35.8903, 7.5746, -14.4099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

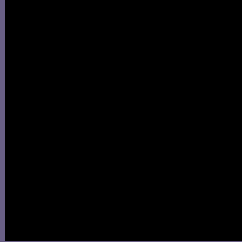
Any Text WCAG AA × Fail

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 35.8903, 7.5746, -14.4099 Background



This preview shows how black text looks on a background with the HunterLab color 35.8903, 7.5746, -14.4099.



This preview shows how white text looks on a background with the HunterLab color 35.8903, 7.5746, -14.4099.

-14.4099.

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

35.8903, 7.5746, -14.4099

Protanopia

35.8816, 2.4861, -16.3345

Deuteranopia

35.9399, 2.3710, -13.8250



Tritanopia

35.9254, -0.6650, -1.2888

Trichromacy



Original Color

35.8903, 7.5746, -14.4099

Protanomaly

35.9410, 3.9529, -15.5969

Deuteranomaly

35.9760, 3.8373, -13.7411

Tritanomaly

35.8392, 2.3180, -5.7172

Monochromacy



Original Color

35.8903, 7.5746, -14.4099

Achromatopsia

36.4511, -1.9449, 1.9805

Achromatomaly

36.0548, 1.4426, -3.4487

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.8903, 7.5746, -14.4099 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(105, 95, 133)` looks like.

```
.text, #text, p{  
    color:rgb(105, 95, 133)  
}
```

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(105, 95, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 95, 133) }
```

Border

The CSS property to change the border of an element to HunterLab 35.8903, 7.5746, -14.4099 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(105, 95, 133) }
```


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

```
.border{ border-color:rgb(105, 95, 133) }
```

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

Here you see how a box with a 4 pixel rgb(105, 95, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 95, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 95, 133);  
box-shadow:4px 4px 4px 4px rgb(105, 95,  
133) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.8903, 7.5746, -14.4099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 95, 133) }
```

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

```
.background{ background-color: rgb(105, 95,  
133) }
```

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