

Converting Colors

HunterLab(34.3746, -9.3839,
-0.6645)

Have a look what the booklet for
HunterLab(34.3746, -9.3839,
-0.6645) contains.

HunterLab(34.3535, -9.4674, -0.6922)	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(34.3535, -9.4674,
-0.6922)**

Conversions

Conversions Part 1

Format	Color
Hex	476666
RGB	71, 102, 102
RGB Percent	28%, 40%, 40%
CMY	0.7216, 0.6000, 0.6000
CMYK	0.30, 0.00, 0.00, 0.60
HSL	180°, 18%, 34%
HSV	180°, 30%, 40%
XYZ	9.7482, 11.8016, 14.3345
YIQ	92.7310, -18.4760, -6.5720

Conversions

Conversions Part 2

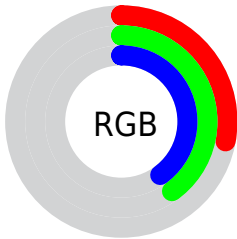
Format	Color
R_{YB}	71, 87, 102
Decimal	4679270
CIE _{Lab}	40.90, -11.21, -3.64
CIE _{LCh}	41, 11.787, 197.990
Yxy	11.8021, 0.2717, 0.3289
Android (android.graphics.Color)	4282869350 (0xFF476666)
YUV	92.7310, 4.5696, -19.0581
Hunter-Lab	34.3535, -9.4674, -0.6922

Details

The HunterLab color **34.3535, -9.4674, -0.6922** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **27.9043, 7.9105, 4.6659**, and the grayscale version is **32.9744, -1.7594, 1.7916**.

A 20% lighter version of the original color is **53.9883, -11.7361, -0.0346**, and **17.9301, -6.9206, -1.0247** is the 20% darker color. If you saturate the color by 10%, you get **33.8353, -11.4040, -1.3779**, and if you desaturate by 10%, it is **34.9581, -7.2535, 0.0939**.

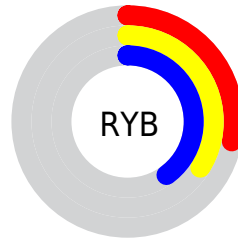
Distribution



Red (28%)

Green (40%)

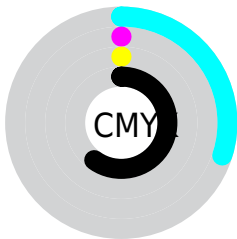
Blue (40%)



Red (28%)

Yellow (34%)

Blue (40%)

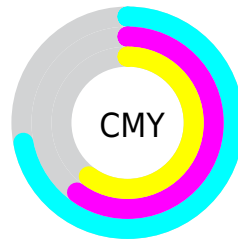


Cyan (30%)

Magenta (0%)

Yellow (0%)

Black (60%)



Cyan (72%)

Magenta (60%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.3535, -9.4674, -0.6922 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 34.3535, -9.4674, -0.6922 by changing the saturation by 10% instead.

■ 34.3535, -9.4674,
-0.6922

■ 34.3535, -9.4674,
-0.6922

142.5099,
-20.2281, 3.7329

■ 25.7081, -8.2346,
-0.9446

■ 53.9761, -11.8640,
-0.0117

■ 17.9411, -6.9518,
-1.1276

■ 64.8398, -13.0480,
0.4035

■ 11.1670, -5.5778,
-1.2264

■ 76.3480, -14.2308,
0.8632

■ 3.1563, -5.5234,
-4.6092

■ 88.4665, -15.4161,
1.3641

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 101.1659,
-16.6067, 1.9036

0.0000, NaN, NaN

114.4207,

0.0000, NaN, NaN

-17.8047, 2.4795

0.0000, NaN, NaN

128.2087,
-19.0114, 3.0898

■ 34.3535, -9.4674,
-0.6922

■ 34.3535, -9.4674,
-0.6922

■ 33.8353, -11.4040,
-1.3779

■ 34.9581, -7.2535,
0.0939

■ 33.4005, -13.0513,
-1.9611

■ 35.6470, -4.7767,
0.9735

■ 33.0479, -14.4048,
-2.4400

■ 36.4199, -2.0564,
1.9409

■ 32.7742, -15.4664,
-2.8154

■ 37.2750, 0.8862,
2.9887

■ 32.5748, -16.2463,
-3.0909

■ 38.2103, 4.0286,
4.1092

■ 32.4433, -16.7635,
-3.2735

■ 39.2229, 7.3483,
5.2948

■ 32.3456, -17.1490,
-3.4096

■ 40.3100, 10.8234,
6.5378

■ 41.4684, 14.4330,
7.8311

■ 42.6946, 18.1581,
9.1680

Harmonies

Analogous

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



34.3542, -9.6742, 3.4922



34.3535, -9.4674, -0.6922



34.3542, -7.2801, -4.6158

Triad

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



34.3542, -9.4678, -0.6917



34.3542, 4.6348, -3.9219



34.3542, -0.0687, 8.8062

Complementary

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



34.3535, -9.4674, -0.6922



27.9043, 7.9105, 4.6659

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.



34.3542, 3.9722, 7.2953



34.3535, -9.4674, -0.6922



34.3542, 6.7771, 0.1646

Square

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



34.3542, -9.4678, -0.6917



34.3542, 0.7992, -6.6352



34.3542, 6.5287, 4.2484



34.3542, -4.3920, 8.6375

Rectangle

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



34.3535, -9.4674, -0.6922



34.3542, -4.9279, -6.3977



34.3542, 6.5287, 4.2484



34.3542, 1.3716, 8.4865

Sweetspot

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



34.3542, -9.4678, -0.6917



47.3170, -5.9329, 1.4288



33.6413, -13.6354, 9.9843



22.9314, -3.0616, 0.6300



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.



34.3542, -9.4678, -0.6917



45.0256, -14.2829, -1.5344



30.1966, -3.1500, -6.1307



17.8471, -2.1919, 0.5543



36.6558, -19.4341, -3.8639



83.7128, -44.3829, -8.8238

Inverse Universe

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



27.9043, 7.9105, 4.6659



34.7612, 13.5335, 7.0454



31.5167, 1.1634, 8.2260



16.8715, 0.4111, 1.3561



19.0471, 32.6188, 12.3074



43.4989, 74.4932, 28.1075

Previews

White Background



This preview shows how the HunterLab color 34.3535, -9.4674, -0.6922 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 34.3535, -9.4674, -0.6922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

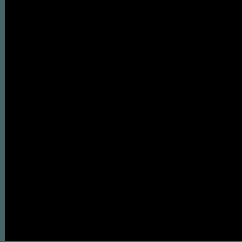
Any Text WCAG AA × Fail

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 34.3535, -9.4674, -0.6922 Background



This preview shows how black text looks on a background with the HunterLab color 34.3535, -9.4674, -0.6922.



This preview shows how white text looks on a background with the HunterLab color 34.3535, -9.4674, -0.6922.

-0.6922.

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

34.3535, -9.4674, -0.6922

Protanopia

34.3351, -1.2507, 1.1815

Deuteranopia

34.1364, 2.4475, -1.6695



Tritanopia

34.3918, -7.4447, -3.8805

Trichromacy



Original Color

34.3535, -9.4674, -0.6922

Protanomaly

34.2212, -4.3658, 0.5588

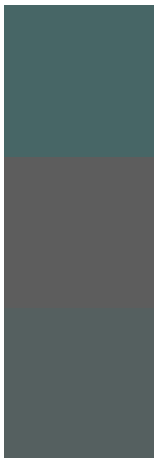
Deuteranomaly

34.0135, -2.0828, -1.4453

Tritanomaly

34.2428, -8.1741, -2.6525

Monochromacy



Original Color

34.3535, -9.4674, -0.6922

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

33.3790, -4.7199, 0.8286

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.3535, -9.4674, -0.6922 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(71, 102, 102)` looks like.

```
.text, #text, p{  
    color:rgb(71, 102, 102)  
}
```

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(71, 102, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 102, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 34.3535, -9.4674, -0.6922 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(71, 102, 102) }
```


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

```
.border{ border-color:rgb(71, 102, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 102, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 102, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 102, 102);  
box-shadow:4px 4px 4px 4px rgb(71, 102,  
102) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.3535, -9.4674, -0.6922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 102, 102) }
```

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

```
.background{ background-color: rgb(71, 102,  
102) }
```

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