

Converting Colors

HunterLab(35.3567, -24.4798,
18.9454)

Have a look what the booklet for
HunterLab(35.3567, -24.4798,
18.9454) contains.

HunterLab(35.4585, -24.5674, 19.0134)	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(35.4585,
-24.5674, 19.0134)**

Conversions

Conversions Part 1

Format	Color
Hex	317121
RGB	49, 113, 33
RGB Percent	19%, 44%, 13%
CMY	0.8078, 0.5569, 0.8706
CMYK	0.57, 0.00, 0.71, 0.56
HSL	108°, 55%, 29%
HSV	108°, 71%, 44%
XYZ	7.4463, 12.5731, 3.4732
YIQ	84.7440, -12.4640, -38.4480

Conversions

Conversions Part 2

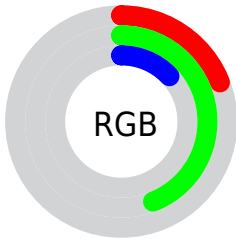
Format	Color
R_{YB}	33, 113, 97
Decimal	3240225
CIE _{Lab}	42.11, -36.54, 36.77
CIE _{LCh}	42, 51.836, 134.825
Yxy	12.5736, 0.3170, 0.5352
Android (android.graphics.Color)	4281430305 (0xFF317121)
YUV	84.7440, -25.5098, -31.3475
Hunter-Lab	35.4585, -24.5674, 19.0134

Details

The HunterLab color $[35.4585, -24.5674, 19.0134]$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $[21.9586, 30.3022, -28.1234]$, and the grayscale version is $[30.1406, -1.6082, 1.6376]$.

A 20% lighter version of the original color is $[55.4134, -30.4911, 25.0706]$, and $[19.1489, -16.4202, 11.5120]$ is the 20% darker color. If you saturate the color by 10%, you get $[35.0968, -26.2205, 19.9105]$, and if you desaturate by 10%, it is $[35.9106, -22.5162, 17.7501]$.

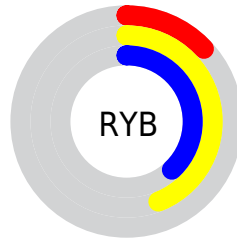
Distribution



Red (19%)

Green (44%)

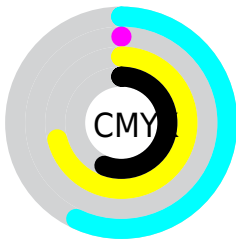
Blue (13%)



Red (13%)

Yellow (44%)

Blue (38%)

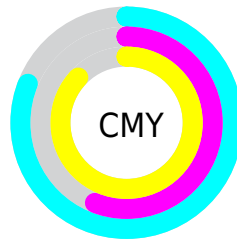


Cyan (57%)

Magenta (0%)

Yellow (71%)

Black (56%)



Cyan (81%)

Magenta (56%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.4585, -24.5674, 19.0134 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 35.4585, -24.5674, 19.0134 by changing the saturation by 10% instead.

■ 35.4585, -24.5674,
19.0134

■ 35.4585, -24.5674,
19.0134

144.2797,
-47.3780, 42.5687

■ 26.7125, -21.4096,
15.7219

■ 55.2590, -30.2826,
24.9733

■ 18.8336, -17.9366,
12.8838

■ 66.2030, -32.9360,
27.7289

■ 11.9313, -15.1558,
8.3519

■ 77.7870, -35.4932,
30.3756

■ 4.8372, -8.4651,
3.3861

■ 89.9774, -37.9739,
32.9345

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 102.7455,
-40.3926, 35.4218

0.0000, NaN, NaN

■ 116.0662,

0.0000, NaN, NaN

-42.7606, 37.8503

0.0000, NaN, NaN

129.9175,
-45.0867, 40.2298

35.4585, -24.5674,
19.0134

35.4585, -24.5674,
19.0134

35.0968, -26.2205,
19.9105

35.9106, -22.5162,
17.7501

34.8190, -27.4826,
20.4655

36.4535, -20.0674,
16.1085

34.6240, -28.3730,
20.8384

37.0896, -17.2335,
14.0884

37.8189, -14.0336,
11.6983

38.6406, -10.4931,
8.9538

■ 39.5531, -6.6409,
5.8761

■ 40.5541, -2.5079,
2.4896

■ 41.6406, 1.8740,
-1.1792

■ 42.8094, 6.4740,
-5.1028

Harmonies

Analogous

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



35.4593, -10.9528, 21.9621



35.4585, -24.5674, 19.0134



35.4593, -31.2197, 10.0277

Triad

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



35.4593, -24.5680, 19.0136



35.4593, -11.1505, -52.3291



35.4593, 41.9151, 9.8703

Complementary

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



35.4585, -24.5674, 19.0134



21.9586, 30.3022, -28.1234

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.



35.4593, 41.8299, -8.6865



35.4585, -24.5674, 19.0134



35.4593, 8.1769, -52.4556

Square

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



35.4593, -24.5680, 19.0136



35.4593, -24.6857, -33.3592



35.4593, 28.4615, -33.6459



35.4593, 28.6738, 18.9518

Rectangle

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



35.4585, -24.5674, 19.0134



35.4593, -31.9629, -1.1900



35.4593, 28.4615, -33.6459



35.4593, 43.5230, 4.7902

Sweetspot

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



35.4593, -24.5680, 19.0136



51.6177, -14.4198, 12.2793



34.8863, -2.9270, 18.9999



24.7100, -7.4179, 6.2837



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



35.4593, -24.5680, 19.0136



46.7110, -36.2388, 27.1733



35.2556, -24.8828, 14.7784



19.4741, -2.9000, 2.5921



36.8655, -30.2613, 22.1866



82.0977, -68.3185, 49.3922

Inverse Universe

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



21.9586, 30.3022, -28.1234



26.2853, 47.4565, -46.0747



23.0652, 30.5057, -9.5493



18.4971, 0.9450, -0.6192



19.5778, 40.4353, -40.8970



43.2752, 89.6775, -92.7125

Previews

White Background



This preview shows how the HunterLab color 35.4585, -24.5674, 19.0134 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 35.4585, -24.5674, 19.0134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

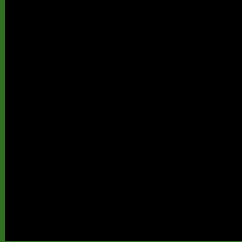
Any Text WCAG AA × Fail

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 35.4585, -24.5674, 19.0134 Background



This preview shows how black text looks on a background with the HunterLab color 35.4585, -24.5674, 19.0134.



This preview shows how white text looks on a background with the HunterLab color 35.4585,

-24.5674, 19.0134.

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

35.4585, -24.5674, 19.0134

Protanopia

35.2021, -4.6131, 19.6528

Deuteranopia

35.1704, 2.1675, 18.3256



Tritanopia

35.5623, -10.1770, -4.8062

Trichromacy



Original Color

35.4585, -24.5674, 19.0134

Protanomaly

34.7406, -13.4786, 19.0747

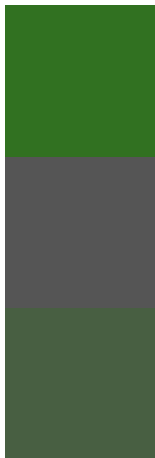
Deuteranomaly

34.5365, -9.7289, 18.1062

Tritanomaly

35.3878, -16.9757, 7.1094

Monochromacy



Original Color

35.4585, -24.5674, 19.0134

Achromatopsia

30.1400, -1.6082, 1.6376

Achromatomaly

31.5523, -11.3836, 9.5577

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.4585, -24.5674, 19.0134 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(49, 113, 33)` looks like.

```
.text, #text, p{  
    color:rgb(49, 113, 33)  
}
```

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(49, 113, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 113, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 35.4585, -24.5674, 19.0134 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(49, 113, 33) }
```


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

```
.border{ border-color:rgb(49, 113, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 113, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 113, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 113, 33);  
box-shadow:4px 4px 4px 4px rgb(49, 113,  
33) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.4585, -24.5674, 19.0134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 113, 33) }
```

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

```
.background{ background-color: rgb(49, 113,  
33) }
```

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