

Converting Colors

HunterLab(35.6954, 12.2339,
-34.6598)

Have a look what the booklet for
HunterLab(35.6954, 12.2339,
-34.6598) contains.

HunterLab(35.7274, 12.1703, -34.4979)	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(35.7274, 12.1703,
-34.4979)

Conversions

Conversions Part 1

Format	Color
Hex	5D5DA2
RGB	93, 93, 162
RGB Percent	36%, 36%, 64%
CMY	0.6353, 0.6353, 0.3647
CMYK	0.43, 0.43, 0.00, 0.36
HSL	240°, 27%, 50%
HSV	240°, 43%, 64%
XYZ	14.9501, 12.7645, 35.8582
YIQ	100.8660, -22.1490, 21.4590

Conversions

Conversions Part 2

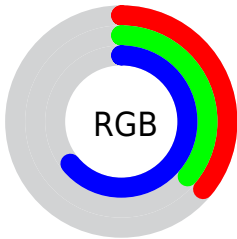
Format	Color
R_{YB}	93, 93, 162
Decimal	6118818
CIE Lab	42.41, 18.15, -37.41
CIE LCh	42, 41.584, 295.880
Yxy	12.7649, 0.2352, 0.2008
Android (android.graphics.Color)	4284308898 (0xFF5D5DA2)
YUV	100.8660, 30.1391, -6.8985
Hunter-Lab	35.7274, 12.1703, -34.4979

Details

The HunterLab color $35.7274, 12.1703, -34.4979$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $58.5768, -11.7116, 25.4074$, and the grayscale version is $35.9209, -1.9166, 1.9516$.

A 20% lighter version of the original color is $55.4668, 12.9964, -35.7645$, and $18.9998, 10.9629, -34.1344$ is the 20% darker color. If you saturate the color by 10%, you get $30.7543, 17.0264, -46.6506$, and if you desaturate by 10%, it is $41.0525, 7.9171, -23.9333$.

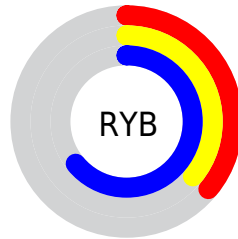
Distribution



Red (36%)

Green (36%)

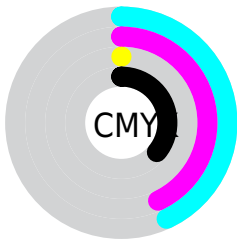
Blue (64%)



Red (36%)

Yellow (36%)

Blue (64%)

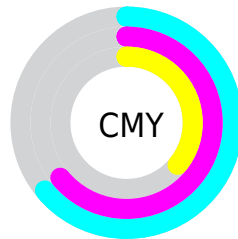


Cyan (43%)

Magenta (43%)

Yellow (0%)

Black (36%)



Cyan (64%)

Magenta (64%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.7274, 12.1703, -34.4979 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 35.7274, 12.1703, -34.4979 by changing the saturation by 10% instead.

■ 35.7274, 12.1703,
-34.4979

■ 35.7274, 12.1703,
-34.4979

■ 144.7085, 13.7682,
-39.3857

■ 26.9571, 11.5642,
-33.9955

■ 55.5705, 13.0527,
-35.7648

■ 19.0514, 10.8222,
-33.8061

■ 66.5338, 13.3569,
-36.4050

■ 12.1185, 9.9184,
-34.4515

■ 78.1360, 13.5831,
-37.0150

■ 5.1620, 15.0463,
-48.0762

■ 90.3438, 13.7390,
-37.5843

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 103.1285, 13.8308,
-38.1076

0.0000, NaN, NaN

■ 116.4650, 13.8635,

0.0000, NaN, NaN

-38.5825

0.0000, NaN, NaN

130.3316, 13.8414,
-39.0085

■ 35.7274, 12.1703,
-34.4979

■ 35.7274, 12.1703,
-34.4979

■ 30.7543, 17.0264,
-46.6506

■ 41.0525, 7.9171,
-23.9333

■ 26.2361, 22.5947,
-60.6861

■ 46.6563, 4.1366,
-14.6169

■ 22.3261, 28.8360,
-76.5148

■ 52.4900, 0.7172,
-6.2543

■ 19.2315, 35.2719,
-92.9159

■ 58.5182, -2.4283,
1.3827

■ 17.1750, 40.6658,
-106.7068

■ 64.7150, -5.3653,
8.4660

■ 16.1514, 43.8105,
-114.7614

■ 71.0606, -8.1429,
15.1241

■ 77.5398, -10.7977,
21.4533

■ 84.1404, -13.3575,
27.5261

■ 90.8525, -15.8433,
33.3980

Harmonies

Analogous

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



35.7280, -4.0409, -39.9044



35.7274, 12.1703, -34.4979



35.7280, 26.5135, -18.0820

Triad

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



35.7280, 12.1703, -34.4969



35.7280, 16.5496, 18.4344



35.7280, -27.2028, 3.9374

Complementary

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



35.7274, 12.1703, -34.4979



58.5768, -11.7116, 25.4074

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.



35.7280, -23.5294, 14.5465



35.7274, 12.1703, -34.4979



35.7280, 0.2756, 20.3176

Square

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



35.7280, 12.1703, -34.4969



35.7280, 29.3314, 12.3037



35.7280, -14.0964, 19.2842



35.7280, -25.1156, -12.9100

Rectangle

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



35.7274, 12.1703, -34.4979



35.7280, 32.1363, -5.7517



35.7280, -14.0964, 19.2842



35.7280, -26.6207, 8.2368

Sweetspot

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



35.7280, 12.1703, -34.4969



70.1999, 1.2561, -9.1330



55.4768, -20.0031, -2.6979



32.4681, 1.0454, -5.4263



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



35.7280, 12.1703, -34.4969



41.8374, 22.5082, -61.7691



38.7146, 21.0661, -28.1249



26.1915, -0.1701, -1.7541



14.3359, 38.8859, -101.8613



2.0781, 5.6368, -14.7650

Inverse Universe

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



42.5664, 31.7555, -20.8263



53.4068, 52.9660, -35.0542



55.8406, -21.8867, 23.0296



26.8369, 2.0178, -0.8879



28.4722, 55.9770, -37.5512



4.1272, 8.1142, -5.4434

Previews

White Background



This preview shows how the HunterLab color 35.7274, 12.1703, -34.4979 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 35.7274, 12.1703, -34.4979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

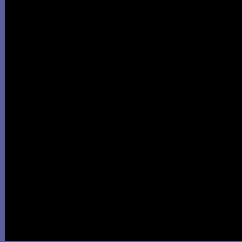
Any Text WCAG AA × Fail

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 35.7274, 12.1703, -34.4979 Background



This preview shows how black text looks on a background with the HunterLab color 35.7274, 12.1703, -34.4979.



This preview shows how white text looks on a background with the HunterLab color 35.7274, 12.1703, -34.4979.

-34.4979.

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

35.7274, 12.1703, -34.4979

Protanopia

35.8696, 6.5147, -37.4152

Deuteranopia

35.7438, 2.7796, -33.0923



Tritanopia

35.7435, -6.7030, -3.5200

Trichromacy



Original Color

35.7274, 12.1703, -34.4979

Protanomaly

35.7601, 8.7132, -36.8324

Deuteranomaly

35.5225, 6.2226, -34.2808

Tritanomaly

35.5772, -0.3834, -13.2796

Monochromacy



Original Color

35.7274, 12.1703, -34.4979

Achromatopsia

36.0744, -1.9248, 1.9600

Achromatomaly

35.7241, 2.3383, -9.0463

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.7274, 12.1703, -34.4979 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(93, 93, 162)` looks like.

```
.text, #text, p{  
    color:rgb(93, 93, 162)  
}
```

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(93, 93, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 93, 162) }
```

Border

The CSS property to change the border of an element to HunterLab 35.7274, 12.1703, -34.4979 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(93, 93, 162) }
```


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

```
.border{ border-color:rgb(93, 93, 162) }
```

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

Here you see how a box with a 4 pixel rgb(93, 93, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 93, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 93, 162);  
box-shadow:4px 4px 4px 4px rgb(93, 93,  
162) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.7274, 12.1703, -34.4979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 93, 162) }
```

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

```
.background{ background-color: rgb(93, 93,  
162) }
```

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