

Converting Colors

HunterLab(35.4689, 5.6634,
-27.7019)

Have a look what the booklet for
HunterLab(35.4689, 5.6634,
-27.7019) contains.

HunterLab(35.5744, 5.5306, -27.4914)	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(35.5744, 5.5306,
-27.4914)**

Conversions

Conversions Part 1

Format	Color
Hex	536198
RGB	83, 97, 152
RGB Percent	33%, 38%, 60%
CMY	0.6745, 0.6196, 0.4039
CMYK	0.45, 0.36, 0.00, 0.40
HSL	228°, 29%, 46%
HSV	228°, 45%, 60%
XYZ	13.5095, 12.6554, 31.4364
YIQ	99.0840, -25.9990, 14.1370

Conversions

Conversions Part 2

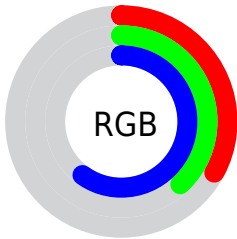
Format	Color
R_{YB}	83, 95, 152
Decimal	5464472
CIE Lab	42.24, 9.91, -31.77
CIE LCh	42, 33.282, 287.316
Yxy	12.6558, 0.2345, 0.2197
Android (android.graphics.Color)	4283654552 (0xFF536198)
YUV	99.0840, 26.0876, -14.1057
Hunter-Lab	35.5744, 5.5306, -27.4914

Details

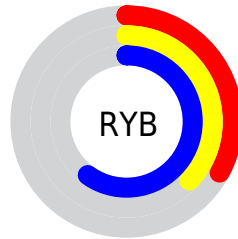
The HunterLab color $35.5744, 5.5306, -27.4914$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $50.4753, -4.8759, 21.4038$, and the grayscale version is $35.2675, -1.8818, 1.9162$.

A 20% lighter version of the original color is $55.3233, 5.9464, -29.0700$, and $18.9295, 5.2355, -26.8068$ is the 20% darker color. If you saturate the color by 10%, you get $31.5719, 8.5077, -36.1825$, and if you desaturate by 10%, it is $39.7963, 3.0537, -19.6814$.

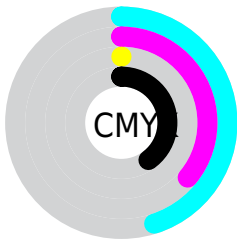
Distribution



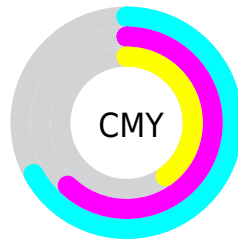
- Red (33%)
- Green (38%)
- Blue (60%)



- Red (33%)
- Yellow (37%)
- Blue (60%)



- Cyan (45%)
- Magenta (36%)
- Yellow (0%)
- Black (40%)



- Cyan (67%)
- Magenta (62%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.5744, 5.5306, -27.4914 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 35.5744, 5.5306, -27.4914 by changing the saturation by 10% instead.

■ 35.5744, 5.5306,
-27.4914

■ 35.5744, 5.5306,
-27.4914

■ 144.4645, 3.8609,
-31.4210

■ 26.8179, 5.3851,
-26.9264

■ 55.3932, 5.5685,
-28.6723

■ 18.9274, 5.1336,
-26.5160

■ 66.3455, 5.4823,
-29.2179

■ 12.0119, 4.7497,
-26.5886

■ 77.9374, 5.3358,
-29.7158

■ 4.9798, 8.4020,
-37.4623

■ 90.1353, 5.1347,
-30.1617

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 102.9105, 4.8833,
-30.5546

0.0000, NaN, NaN

116.2381, 4.5852,

0.0000, NaN, NaN

-30.8946

0.0000, NaN, NaN

130.0959, 4.2435,
-31.1829

■ 35.5744, 5.5306,
-27.4914

■ 35.5744, 5.5306,
-27.4914

■ 31.5719, 8.5077,
-36.1825

■ 39.7963, 3.0537,
-19.6814

■ 27.8352, 12.0962,
-45.9111

■ 44.1998, 0.9784,
-12.5950

■ 24.4303, 16.3954,
-56.7528

■ 48.7588, -0.7757,
-6.0906

■ 21.4429, 21.4281,
-68.5494

■ 53.4530, -2.2720,
-0.0521

■ 18.9725, 27.0009,
-80.6690

■ 58.2665, -3.5601,
5.6134

■ 17.9960, 29.5407,
-86.2635

■ 63.1868, -4.6784,
10.9795

■ 68.2039, -5.6568,
16.1043

■ 73.3095, -6.5191,
21.0337

■ 78.4968, -7.2841,
25.8044

Harmonies

Analogous

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



35.5750, -7.0192, -28.3226



35.5744, 5.5306, -27.4914



35.5750, 17.5222, -17.2848

Triad

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



35.5750, 5.5306, -27.4905



35.5750, 15.8814, 14.9654



35.5750, -22.4214, 6.5946

Complementary

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



35.5744, 5.5306, -27.4914



50.4753, -4.8759, 21.4038

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.



35.5750, -17.8828, 14.2000



35.5744, 5.5306, -27.4914



35.5750, 3.5259, 17.7877

Square

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



35.5750, 5.5306, -27.4905



35.5750, 24.0407, 8.0849



35.5750, -8.7669, 17.5667



35.5750, -22.0395, -5.5530

Rectangle

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



35.5744, 5.5306, -27.4914



35.5750, 23.0684, -8.0439



35.5750, -8.7669, 17.5667



35.5750, -21.4500, 9.6654

Sweetspot

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



35.5750, 5.5306, -27.4905



65.4697, -1.2690, -7.1646



51.0915, -21.9290, 3.6114



30.6254, -0.4005, -4.2078



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



35.5750, 5.5306, -27.4905



42.1221, 11.1551, -47.6536



33.6321, 17.0579, -31.3461



24.9385, -0.8330, -1.1208



16.5924, 26.6703, -78.3124



2.9081, 0.9948, -5.7824

Inverse Universe

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



37.0480, 22.8561, 5.1295



45.0727, 37.7714, 8.3345



52.9370, -17.1885, 23.1521



24.9843, 0.9841, 1.5035



23.8395, 41.1868, 12.6071



2.9891, 5.3086, 0.4614

Previews

White Background



This preview shows how the HunterLab color 35.5744, 5.5306, -27.4914 looks on a white background.

Color Contrast Check

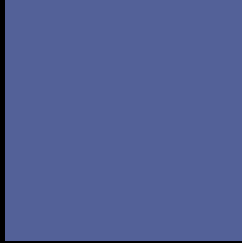
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.5744, 5.5306, -27.4914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

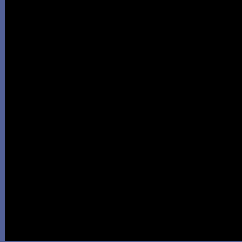
Any Text WCAG AA × Fail

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 35.5744, 5.5306, -27.4914 Background



This preview shows how black text looks on a background with the HunterLab color 35.5744, 5.5306, -27.4914.



This preview shows how white text looks on a background with the HunterLab color 35.5744, 5.5306, -27.4914.

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

35.5744, 5.5306, -27.4914

Protanopia

35.6942, 4.6747, -27.9828

Deuteranopia

35.5620, 2.7849, -27.5645



Tritanopia

35.5993, -8.6240, -4.2343

Trichromacy



Original Color

35.5744, 5.5306, -27.4914

Protanomaly

35.7556, 4.8767, -27.8555

Deuteranomaly

35.4685, 3.8362, -27.7342

Tritanomaly

35.4564, -3.8383, -11.7946

Monochromacy



Original Color

35.5744, 5.5306, -27.4914

Achromatopsia

35.3231, -1.8847, 1.9192

Achromatomaly

35.1718, 0.1215, -7.2178

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.5744, 5.5306, -27.4914 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(83, 97, 152)` looks like.

```
.text, #text, p{  
    color:rgb(83, 97, 152)  
}
```

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(83, 97, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 97, 152) }
```

Border

The CSS property to change the border of an element to HunterLab 35.5744, 5.5306, -27.4914 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(83, 97, 152) }
```


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

```
.border{ border-color:rgb(83, 97, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 97, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 97, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 97, 152);  
box-shadow:4px 4px 4px 4px rgb(83, 97,  
152) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.5744, 5.5306, -27.4914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 97, 152) }
```

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

```
.background{ background-color: rgb(83, 97,  
152) }
```

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