

Converting Colors

HunterLab(35.4729, -20.8497,
0.6705)

Have a look what the booklet for
HunterLab(35.4729, -20.8497,
0.6705) contains.

HunterLab(35.4227, -20.7067, 0.4246)	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(35.4227,
-20.7067, 0.4246)**

Conversions

Conversions Part 1

Format	Color
Hex	007066
RGB	0, 112, 102
RGB Percent	0%, 44%, 40%
CMY	1.0000, 0.5608, 0.6000
CMYK	1.00, 0.00, 0.09, 0.56
HSL	175°, 100%, 22%
HSV	175°, 100%, 44%
XYZ	8.1925, 12.5477, 14.5606
YIQ	77.3720, -63.5420, -26.8540

Conversions

Conversions Part 2

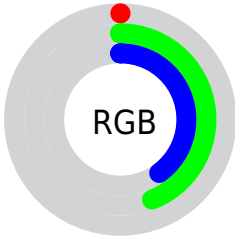
Format	Color
RYB	0, 59, 112
Decimal	28774
CIELab	42.07, -29.45, -2.15
CIELCh	42, 29.530, 184.170
Yxy	12.5482, 0.2321, 0.3555
Android (android.graphics.Color)	4278218854 (0xFF007066)
YUV	77.3720, 12.1416, -67.8552
Hunter-Lab	35.4227, -20.7067, 0.4246

Details

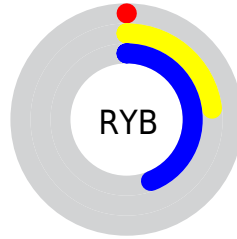
The HunterLab color **35.4227, -20.7067, 0.4246** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **18.6200, 32.0019, 11.1184**, and the grayscale version is **27.3516, -1.4594, 1.4861**.

A 20% lighter version of the original color is **55.0878, -25.3545, 1.0651**, and **19.5726, -11.7523, 0.9058** is the 20% darker color. If you saturate the color by 10%, you get **35.4232, -20.7074, 0.4253**, and if you desaturate by 10%, it is **35.5537, -20.1292, 0.1562**.

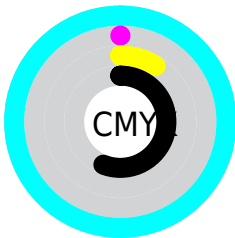
Distribution



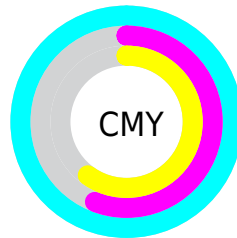
- Red (0%)
- Green (44%)
- Blue (40%)



- Red (0%)
- Yellow (23%)
- Blue (44%)



- Cyan (100%)
- Magenta (0%)
- Yellow (9%)
- Black (56%)



- Cyan (100%)
- Magenta (56%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.4227, -20.7067, 0.4246 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 35.4227, -20.7067, 0.4246 by changing the saturation by 10% instead.

35.4227, -20.7067,
0.4246

35.4227, -20.7067,
0.4246

144.2225,
-40.0363, 5.4811

26.6799, -18.1120,
0.0786

55.2174, -25.4551,
1.2722

18.8045, -15.2823,
-0.2072

66.1588, -27.6827,
1.7635

11.9063, -12.5673,
-0.4210

77.7403, -29.8428,
2.2951

4.7921, -8.3863,
-1.5967

89.9285, -31.9500,
2.8646

0.0000, NaN, NaN

0.0000, NaN, NaN

102.6943,
-34.0154, 3.4697

0.0000, NaN, NaN

116.0129,

0.0000, NaN, NaN

-36.0474, 4.1085

0.0000, NaN, NaN

129.8622,
-38.0526, 4.7795

35.4227, -20.7067,
0.4246

35.4227, -20.7067,
0.4246

35.4232, -20.7074,
0.4253

35.5537, -20.1292,
0.1562

35.7261, -19.3864,
-0.0607

35.9753, -18.3447,
-0.1799

36.3084, -16.9837,
-0.1915

36.7307, -15.2936,
-0.0885

■ 37.2455, -13.2740,
0.1328

■ 37.8551, -10.9327,
0.4734

■ 38.5602, -8.2838,
0.9321

■ 39.3604, -5.3468,
1.5052

Harmonies

Analogous

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



35.4234, -19.0753, 9.6593



35.4227, -20.7067, 0.4246



35.4234, -17.8277, -11.4218

Triad

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



35.4234, -20.7068, 0.4250



35.4234, 10.8628, -19.2285



35.4234, 7.8593, 15.7330

Complementary

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



35.4227, -20.7067, 0.4246



18.6200, 32.0019, 11.1184

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.



35.4234, 17.4788, 11.5136



35.4227, -20.7067, 0.4246



35.4234, 19.3568, -8.0683

Square

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



35.4234, -20.7068, 0.4250



35.4234, -0.3319, -24.7682



35.4234, 21.9143, 3.3682



35.4234, -3.4255, 16.7538

Rectangle

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



35.4227, -20.7067, 0.4246



35.4234, -13.5024, -18.7105



35.4234, 21.9143, 3.3682



35.4234, 11.4379, 14.7224

Sweetspot

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



35.4234, -20.7068, 0.4250



50.1044, -14.7524, 0.5858



34.1487, -28.7360, 20.5387



24.4241, -7.7446, 0.2084



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.



35.4234, -20.7068, 0.4250



46.9404, -27.5040, 0.7019



22.8227, -1.2698, -25.7835



19.5200, -2.4950, 0.7759



38.0844, -22.2776, 0.4887



84.9625, -49.9530, 1.6385

Inverse Universe

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



18.6200, 32.0019, 11.1184



24.6589, 42.3467, 15.0221



23.0369, 18.6777, 14.5214



18.4551, 0.5452, 1.3229



20.0146, 34.3929, 12.0236



44.6051, 76.5182, 27.8101

Previews

White Background



This preview shows how the HunterLab color 35.4227, -20.7067, 0.4246 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 35.4227, -20.7067, 0.4246 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 35.4227, -20.7067, 0.4246 Background



This preview shows how black text looks on a background with the HunterLab color 35.4227, -20.7067, 0.4246.



This preview shows how white text looks on a background with the HunterLab color 35.4227,

-20.7067, 0.4246.

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

35.4227, -20.7067, 0.4246

Protanopia

35.4353, -1.7565, 4.0858

Deuteranopia

35.2843, 2.3818, -0.6735



Tritanopia

35.6800, -15.4908, -7.2868

Trichromacy



Original Color

35.4227, -20.7067, 0.4246

Protanomaly

34.4783, -12.2516, 1.5831

Deuteranomaly

34.1987, -9.9243, -1.8063

Tritanomaly

35.6226, -17.6702, -4.3613

Monochromacy



Original Color

35.4227, -20.7067, 0.4246

Achromatopsia

27.2422, -1.4536, 1.4801

Achromatomaly

29.3891, -11.3294, 0.1495

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.4227, -20.7067, 0.4246 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(0, 112, 102)` looks like.

```
.text, #text, p{  
    color:rgb(0, 112, 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(0, 112, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 112, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 35.4227, -20.7067, 0.4246 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(0, 112, 102) }
```


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

```
.border{ border-color:rgb(0, 112, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 112, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 112, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 112, 102);  
box-shadow:4px 4px 4px 4px rgb(0, 112,  
102) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.4227, -20.7067, 0.4246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 112, 102) }
```

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

```
.background{ background-color: rgb(0, 112,  
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