

Converting Colors

HunterLab(35.5593, -27.5931,
15.1195)

Have a look what the booklet for
HunterLab(35.5593, -27.5931,
15.1195) contains.

HunterLab(35.4217, -27.4965, 15.0829)	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(35.4217,
-27.4965, 15.0829)**

Conversions

Conversions Part 1

Format	Color
Hex	007338
RGB	0, 115, 56
RGB Percent	0%, 45%, 22%
CMY	1.0000, 0.5490, 0.7804
CMYK	1.00, 0.00, 0.51, 0.55
HSL	149°, 100%, 23%
HSV	149°, 100%, 45%
XYZ	6.8445, 12.5470, 5.8024
YIQ	73.8890, -49.6010, -42.7290

Conversions

Conversions Part 2

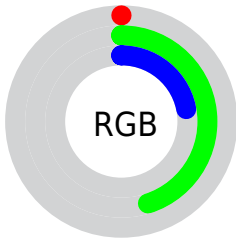
Format	Color
RYB	0, 77, 115
Decimal	29496
CIELab	42.07, -42.29, 24.86
CIELCh	42, 49.060, 149.550
Yxy	12.5475, 0.2717, 0.4980
Android (android.graphics.Color)	4278219576 (0xFF007338)
YUV	73.8890, -8.8193, -64.8007
Hunter-Lab	35.4217, -27.4965, 15.0829

Details

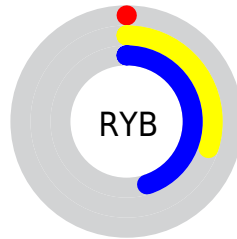
The HunterLab color **35.4217, -27.4965, 15.0829** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **19.9018, 35.6686, 0.5601**, and the grayscale version is **26.1726, -1.3965, 1.4220**.

A 20% lighter version of the original color is **55.1911, -34.0820, 19.3425**, and **19.5058, -16.2840, 10.7719** is the 20% darker color. If you saturate the color by 10%, you get **35.4224, -27.4970, 15.0833**, and if you desaturate by 10%, it is **35.6136, -26.5245, 13.9168**.

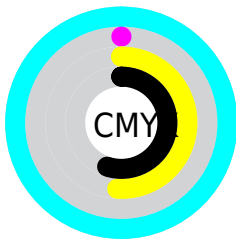
Distribution



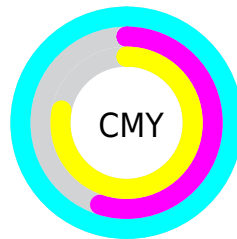
- Red (0%)
- Green (45%)
- Blue (22%)



- Red (0%)
- Yellow (30%)
- Blue (45%)



- Cyan (100%)
- Magenta (0%)
- Yellow (51%)
- Black (55%)



- Cyan (100%)
- Magenta (55%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.4217, -27.4965, 15.0829 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 35.4217, -27.4965, 15.0829 by changing the saturation by 10% instead.

■ 35.4217, -27.4965,
15.0829

■ 35.4217, -27.4965,
15.0829

144.2209,
-53.1924, 32.4884

■ 26.6790, -23.8683,
12.7669

■ 55.2163, -34.0161,
19.3335

■ 18.8037, -19.8588,
10.2539

■ 66.1576, -37.0232,
21.3321

■ 11.9057, -17.2674,
8.3340

■ 77.7391, -39.9099,
23.2734

■ 4.7909, -8.3841,
3.3537

■ 89.9272, -42.6998,
25.1707

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 102.6930,
-45.4108, 27.0339

0.0000, NaN, NaN

■ 116.0115,

0.0000, NaN, NaN

-48.0564, 28.8709

0.0000, NaN, NaN

129.8607,
-50.6474, 30.6875

35.4217, -27.4965,
15.0829

35.4217, -27.4965,
15.0829

35.4224, -27.4970,
15.0833

35.6136, -26.5245,
13.9168

35.8595, -25.3129,
12.6635

36.1953, -23.7247,
11.3618

36.6281, -21.7446,
10.0288

37.1625, -19.3709,
8.6811

■ 37.8015, -16.6130,
7.3353

■ 38.5462, -13.4899,
6.0065

■ 39.3964, -10.0273,
4.7084

■ 40.3506, -6.2559,
3.4528

Harmonies

Analogous

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



35.4224, -17.6888, 20.4765



35.4217, -27.4965, 15.0829



35.4224, -30.7538, 2.1909

Triad

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



35.4224, -27.4969, 15.0831



35.4224, -2.1688, -50.8431



35.4224, 34.3860, 14.8226

Complementary

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



35.4217, -27.4965, 15.0829



19.9018, 35.6686, 0.5601

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.



35.4224, 40.8199, 1.6633



35.4217, -27.4965, 15.0829



35.4224, 17.2739, -41.5479

Square

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



35.4224, -27.4969, 15.0831



35.4224, -18.0796, -41.0128



35.4224, 34.0066, -19.6867



35.4224, 17.8530, 20.3890

Rectangle

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



35.4217, -27.4965, 15.0829



35.4224, -29.4190, -11.2653



35.4224, 34.0066, -19.6867



35.4224, 37.9349, 11.4329

Sweetspot

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



35.4224, -27.4969, 15.0831



51.4965, -18.3987, 8.1768



36.3381, -24.4929, 21.9625



24.9838, -9.6887, 4.2829



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



35.4224, -27.4969, 15.0831



47.3721, -36.9701, 20.5970



36.6826, -19.8333, -3.0354



20.3105, -2.9553, 1.6756



37.8676, -29.4352, 16.2110



83.4904, -65.6176, 37.2939

Inverse Universe

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



19.9018, 35.6686, 0.5601



26.5806, 47.5459, 1.4722



19.1029, 32.7358, 12.1732



19.3114, 0.9139, 0.5097



21.2684, 38.0995, 0.7457



46.7649, 83.4308, 4.2929

Previews

White Background



This preview shows how the HunterLab color 35.4217, -27.4965, 15.0829 looks on a white background.

Color Contrast Check

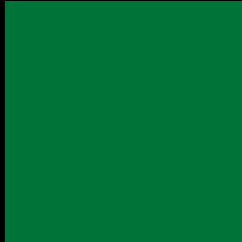
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.4217, -27.4965, 15.0829 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 35.4217, -27.4965, 15.0829 Background



This preview shows how black text looks on a background with the HunterLab color 35.4217, -27.4965, 15.0829.



This preview shows how white text looks on a background with the HunterLab color 35.4217, -27.4965, 15.0829.

-27.4965, 15.0829.

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

35.4217, -27.4965, 15.0829

Protanopia

35.2334, -4.0755, 16.3689

Deuteranopia

35.3757, 2.0749, 14.4353



Tritanopia

35.4189, -13.5407, -6.5844

Trichromacy



Original Color

35.4217, -27.4965, 15.0829

Protanomaly

34.0960, -17.0094, 14.8551

Deuteranomaly

33.6972, -13.8314, 13.2417

Tritanomaly

35.2732, -20.0858, 3.1855

Monochromacy



Original Color

35.4217, -27.4965, 15.0829

Achromatopsia

26.1683, -1.3963, 1.4218

Achromatomaly

28.5558, -13.9812, 6.3257

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.4217, -27.4965, 15.0829 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, 115, 56)` looks like.

```
.text, #text, p{  
    color:rgb(0, 115, 56)  
}
```

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, 115, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 115, 56) }
```

Border

The CSS property to change the border of an element to HunterLab 35.4217, -27.4965, 15.0829 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, 115, 56) }
```


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

```
.border{ border-color:rgb(0, 115, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 115, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 115, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 115, 56);  
box-shadow:4px 4px 4px 4px rgb(0, 115, 56)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 35.4217, -27.4965, 15.0829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 115, 56) }
```

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

```
.background{ background-color: rgb(0, 115,  
56) }
```

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