

Converting Colors

HunterLab(27.1547, -20.8254,
11.0159)

Have a look what the booklet for
HunterLab(27.1547, -20.8254,
11.0159) contains.

HunterLab(27.0818, -20.7251, 10.8896)	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(27.0818,
-20.7251, 10.8896)**

Conversions

Conversions Part 1

Format	Color
Hex	00592D
RGB	0, 89, 45
RGB Percent	0%, 35%, 18%
CMY	1.0000, 0.6510, 0.8235
CMYK	1.00, 0.00, 0.49, 0.65
HSL	150°, 100%, 17%
HSV	150°, 100%, 35%
XYZ	4.0460, 7.3342, 3.6851
YIQ	57.3730, -38.9200, -32.5520

Conversions

Conversions Part 2

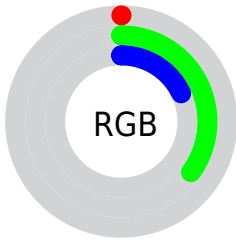
Format	Color
RYB	0, 59, 89
Decimal	22829
CIELab	32.56, -34.71, 19.02
CIELCh	33, 39.582, 151.274
Yxy	7.3345, 0.2686, 0.4868
Android (android.graphics.Color)	4278212909 (0xFF00592D)
YUV	57.3730, -6.0999, -50.3161
Hunter-Lab	27.0818, -20.7251, 10.8896

Details

The HunterLab color **27.0818, -20.7251, 10.8896** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **15.1850, 27.2017, 0.5284**, and the grayscale version is **20.3854, -1.0877, 1.1076**.

A 20% lighter version of the original color is **45.4261, -26.6587, 14.6064**, and **12.8683, -11.0346, 7.7362** is the 20% darker color. If you saturate the color by 10%, you get **27.0823, -20.7255, 10.8899**, and if you desaturate by 10%, it is **27.2537, -19.8790, 10.0271**.

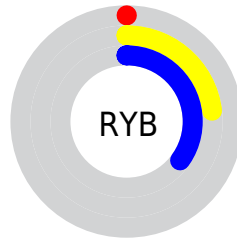
Distribution



Red (0%)

Green (35%)

Blue (18%)



Red (0%)

Yellow (23%)

Blue (35%)

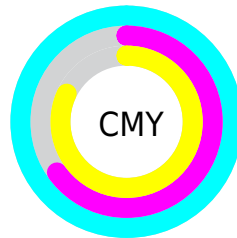


Cyan (100%)

Magenta (0%)

Yellow (49%)

Black (65%)



Cyan (100%)

Magenta (65%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.0818, -20.7251, 10.8896 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 27.0818, -20.7251, 10.8896 by changing the saturation by 10% instead.

■ 27.0818, -20.7251,
10.8896

■ 27.0818, -20.7251,
10.8896

■ 130.5432,
-43.3884, 25.6788

■ 19.1629, -17.4361,
8.9145

■ 45.4347, -26.5246,
14.4784

■ 12.2145, -14.4498,
7.6593

■ 55.7298, -29.1751,
16.1640

■ 5.3201, -9.3102,
3.7241

■ 66.7029, -31.7130,
17.8047

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 78.3145, -34.1633,
19.4134

0.0000, NaN, NaN

■ 90.5311, -36.5440,
20.9992


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 103.3242,


-38.8685, 22.5688


0.0000, NaN, NaN


 116.6688,
-41.1472, 24.1273


 27.0818, -20.7251,
10.8896


 27.0818, -20.7251,
10.8896


 27.0823, -20.7255,
10.8899

 27.2537, -19.8790,
10.0271

 27.4522, -18.9147,
9.0998

 27.7156, -17.6815,
8.1477

 28.0490, -16.1693,
7.1830

 28.4552, -14.3784,
6.2171

■ 28.9362, -12.3163,
5.2611

■ 29.4925, -9.9967,
4.3248

■ 30.1239, -7.4374,
3.4173

■ 30.8295, -4.6596,
2.5460

Harmonies

Analogous

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



27.0823, -13.6945, 15.2582



27.0818, -20.7251, 10.8896



27.0823, -22.8919, 0.9171

Triad

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



27.0823, -20.7254, 10.8898



27.0823, -0.8646, -36.8841



27.0823, 24.6303, 11.4466

Complementary

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



27.0818, -20.7251, 10.8896



15.1850, 27.2017, 0.5284

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.



27.0823, 29.8545, 2.0196



27.0818, -20.7251, 10.8896



27.0823, 13.4588, -29.4402

Square

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



27.0823, -20.7254, 10.8898



27.0823, -12.8716, -30.5351



27.0823, 25.4150, -13.3584



27.0823, 12.2564, 15.4505

Rectangle

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



27.0818, -20.7251, 10.8896



27.0823, -21.7094, -9.1552



27.0823, 25.4150, -13.3584



27.0823, 27.3788, 9.0165

Sweetspot

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



27.0823, -20.7254, 10.8898



38.4720, -13.3661, 5.7667



27.7339, -18.7161, 16.7618



19.2627, -7.1495, 3.0669



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



27.0823, -20.7254, 10.8898



35.3698, -27.2442, 14.6032



28.0470, -14.8691, -2.9580



15.3182, -2.1289, 1.2086



32.8695, -25.2773, 13.4825



77.7886, -60.6332, 33.6607

Inverse Universe

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



15.1850, 27.2017, 0.5284



19.8006, 35.3875, 1.3350



14.5739, 24.9576, 9.4171



14.6096, 0.5798, 0.4401



18.4081, 32.9181, 1.0908



43.4220, 77.2644, 5.5552

Previews

White Background



This preview shows how the HunterLab color 27.0818, -20.7251, 10.8896 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 27.0818, -20.7251, 10.8896 Background



This preview shows how black text looks on a background with the HunterLab color 27.0818, -20.7251, 10.8896.



This preview shows how white text looks on a background with the HunterLab color 27.0818,

-20.7251, 10.8896.

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

27.0818, -20.7251, 10.8896

Protanopia

27.2014, -2.9768, 12.1367

Deuteranopia

27.0444, 1.8516, 10.3268



Tritanopia

27.2691, -10.2895, -4.8967

Trichromacy



Original Color

27.0818, -20.7251, 10.8896

Protanomaly

26.1463, -12.4291, 10.9264

Deuteranomaly

25.9522, -10.1107, 9.4262

Tritanomaly

27.0565, -15.0572, 2.2118

Monochromacy



Original Color

27.0818, -20.7251, 10.8896

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

22.1096, -10.4488, 4.4087

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.0818, -20.7251, 10.8896 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, 89, 45)` looks like.

```
.text, #text, p{  
    color:rgb(0, 89, 45)  
}
```

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, 89, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 89, 45) }
```

Border

The CSS property to change the border of an element to HunterLab 27.0818, -20.7251, 10.8896 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, 89, 45) }
```


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

```
.border{ border-color:rgb(0, 89, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 89, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 89, 45); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 89, 45); box-shadow:4px  
4px 4px 4px rgb(0, 89, 45) }
```

Background

The CSS property to change the background color of an element to HunterLab 27.0818, -20.7251, 10.8896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 89, 45) }
```

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

```
.background{ background-color: rgb(0, 89,  
45) }
```

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