

Converting Colors

HunterLab(37.8389, -27.1889,
11.6252)

Have a look what the booklet for
HunterLab(37.8389, -27.1889,
11.6252) contains.

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Color

**HunterLab(37.7329,
-27.0638, 11.4515)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 02794E |
| RGB | 2, 121, 78 |
| RGB Percent | 1%, 47%, 31% |
| CMY | 0.9921, 0.5255, 0.6941 |
| CMYK | 0.98, 0.00, 0.36, 0.53 |
| HSL | 158°, 97%, 24% |
| HSV | 158°, 98%, 47% |
| XYZ | 8.2376, 14.2377, 9.5217 |
| YIQ | 80.5170, -57.1210, -38.6010 |

Conversions

Conversions Part 2

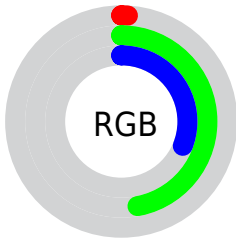
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 2, 75, 121 |
| Decimal | 162126 |
| CIELab | 44.57, -39.82, 15.66 |
| CIELCh | 45, 42.785, 158.528 |
| Yxy | 14.2383, 0.2574, 0.4450 |
| Android (android.graphics.Color) | 4278352206 (0xFF02794E) |
| YUV | 80.5170, -1.2409, -68.8594 |
| Hunter-Lab | 37.7329, -27.0638, 11.4515 |

Details

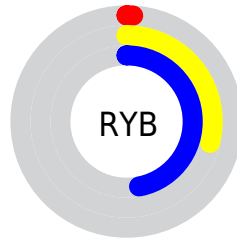
The HunterLab color **37.7329, -27.0638, 11.4515** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **20.7320, 35.8784, 6.3011**, and the grayscale version is **28.5305, -1.5223, 1.5501**.

A 20% lighter version of the original color is **57.7773, -33.0579, 14.4190**, and **21.4855, -16.5993, 8.9782** is the 20% darker color. If you saturate the color by 10%, you get **37.7028, -27.2195, 11.6339**, and if you desaturate by 10%, it is **37.9267, -26.0957, 10.3174**.

Distribution



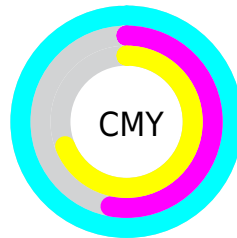
- Red (1%)
- Green (47%)
- Blue (31%)



- Red (1%)
- Yellow (29%)
- Blue (47%)



- Cyan (98%)
- Magenta (0%)
- Yellow (36%)
- Black (53%)



- Cyan (99%)
- Magenta (53%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.7329, -27.0638, 11.4515 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 37.7329, -27.0638, 11.4515 by changing the saturation by 10% instead.

■ 37.7329, -27.0638,
11.4515

■ 37.7329, -27.0638,
11.4515

147.8879,
-51.3009, 24.3073

■ 28.7864, -23.7086,
9.8897

■ 57.8889, -33.1463,
14.4192

■ 20.6854, -20.0318,
8.2370

■ 68.9937, -35.9705,
15.8575

■ 13.5305, -16.2719,
6.5721

■ 80.7297, -38.6909,
17.2788

■ 7.1150, -12.4512,
4.9805

■ 93.0647, -41.3279,
18.6895

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.9709,
-43.8967, 20.0946

0.0000, NaN, NaN

■ 119.4240,

0.0000, NaN, NaN

-46.4092, 21.4975

0.0000, NaN, NaN

133.4027,
-48.8748, 22.9010

37.7329, -27.0638,
11.4515

37.7329, -27.0638,
11.4515

37.7028, -27.2195,
11.6339

37.9267, -26.0957,
10.3174

38.1858, -24.8533,
9.1789

38.5364, -23.2414,
8.0699

38.9858, -21.2435,
7.0073

39.5390, -18.8568,
6.0060

■ 40.1991, -16.0891,
5.0792

■ 40.9673, -12.9576,
4.2374

■ 41.8437, -9.4862,
3.4888

■ 42.8270, -5.7037,
2.8393

Harmonies

Analogous

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



37.7336, -19.6863, 18.7708



37.7329, -27.0638, 11.4515



37.7336, -28.3683, -2.6607

Triad

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



37.7336, -27.0641, 11.4518



37.7336, 2.7659, -41.1695



37.7336, 25.8970, 16.3485

Complementary

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



37.7329, -27.0638, 11.4515



20.7320, 35.8784, 6.3011

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.



37.7336, 34.4256, 6.2292



37.7329, -27.0638, 11.4515



37.7336, 19.6577, -29.6758

Square

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



37.7336, -27.0641, 11.4518



37.7336, -12.8587, -37.7786



37.7336, 31.9661, -10.6309



37.7336, 10.2100, 20.6429

Rectangle

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



37.7329, -27.0638, 11.4515



37.7336, -25.8766, -15.2243



37.7336, 31.9661, -10.6309



37.7336, 29.8080, 13.7371

Sweetspot

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



37.7336, -27.0641, 11.4518



54.5600, -18.3912, 5.9305



37.7520, -28.4335, 22.6743



25.9214, -9.4765, 3.0156



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



37.7336, -27.0641, 11.4518



50.4250, -36.5918, 15.9643



33.9476, -14.4941, -10.9296



21.1873, -2.9698, 1.4292



39.0266, -28.1945, 12.0840



85.1381, -62.1829, 27.8198

Inverse Universe

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



20.7320, 35.8784, 6.3011



27.5245, 48.2145, 9.4291



21.2085, 31.1484, 13.4528



20.0917, 0.8440, 0.8594



21.3233, 37.4109, 6.8484



46.4099, 81.1143, 17.3076

Previews

White Background



This preview shows how the HunterLab color 37.7329, -27.0638, 11.4515 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 37.7329, -27.0638, 11.4515 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 37.7329, -27.0638, 11.4515 Background



This preview shows how black text looks on a background with the HunterLab color 37.7329, -27.0638, 11.4515.



This preview shows how white text looks on a background with the HunterLab color 37.7329, -27.0638, 11.4515.

-27.0638, 11.4515.

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

37.7329, -27.0638, 11.4515

Protanopia

37.5972, -3.4658, 13.7058

Deuteranopia

37.6070, 2.4580, 10.3142



Tritanopia

37.7568, -14.8804, -7.4623

Trichromacy



Original Color

37.7329, -27.0638, 11.4515

Protanomaly

36.4414, -16.4153, 11.6270

Deuteranomaly

36.0298, -13.1521, 9.1610

Tritanomaly

37.4862, -20.1407, 0.3068

Monochromacy



Original Color

37.7329, -27.0638, 11.4515

Achromatopsia

28.6850, -1.5306, 1.5585

Achromatomaly

31.1047, -13.9925, 4.4550

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.7329, -27.0638, 11.4515 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(2, 121, 78)` looks like.

```
.text, #text, p{  
    color:rgb(2, 121, 78)  
}
```

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(2, 121, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 121, 78) }
```

Border

The CSS property to change the border of an element to HunterLab 37.7329, -27.0638, 11.4515 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(2, 121, 78) }
```


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

```
.border{ border-color:rgb(2, 121, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 121, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 121, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 121, 78);  
box-shadow:4px 4px 4px 4px rgb(2, 121, 78)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 37.7329, -27.0638, 11.4515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 121, 78) }
```

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

```
.background{ background-color: rgb(2, 121,  
78) }
```

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](#).

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