

Converting Colors

HunterLab(37.5063, -27.6461,
21.0676)

Have a look what the booklet for
HunterLab(37.5063, -27.6461,
21.0676) contains.

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Color

**HunterLab(37.5039,
-27.6266, 21.0811)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 2D781A |
| RGB | 45, 120, 26 |
| RGB Percent | 18%, 47%, 10% |
| CMY | 0.8235, 0.5294, 0.8980 |
| CMYK | 0.63, 0.00, 0.78, 0.53 |
| HSL | 108°, 64%, 29% |
| HSV | 108°, 78%, 47% |
| XYZ | 7.9851, 14.0654, 3.2713 |
| YIQ | 86.8590, -14.5260, -45.1340 |

Conversions

Conversions Part 2

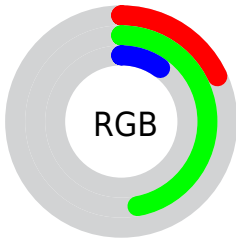
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 26, 120, 101 |
| Decimal | 2979866 |
| CIE _{Lab} | 44.33, -41.04, 41.84 |
| CIE _{LCh} | 44, 58.606, 134.452 |
| Yxy | 14.0660, 0.3153, 0.5555 |
| Android (android.graphics.Color) | 4281169946 (0xFF2D781A) |
| YUV | 86.8590, -30.0035, -36.7103 |
| Hunter-Lab | 37.5039, -27.6266, 21.0811 |

Details

The HunterLab color **37.5039, -27.6266, 21.0811** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **22.0502, 35.2989, -33.5761**, and the grayscale version is **30.9313, -1.6504, 1.6806**.

A 20% lighter version of the original color is **57.5607, -33.9381, 27.6423**, and **20.9292, -17.9468, 12.5823** is the 20% darker color. If you saturate the color by 10%, you get **37.1888, -29.0638, 21.7442**, and if you desaturate by 10%, it is **37.9128, -25.7673, 20.0424**.

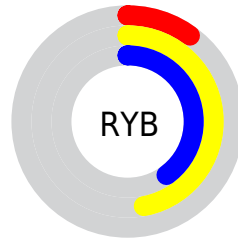
Distribution



Red (18%)

Green (47%)

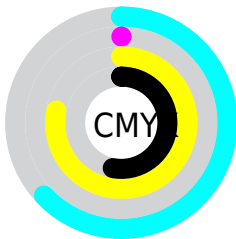
Blue (10%)



Red (10%)

Yellow (47%)

Blue (40%)

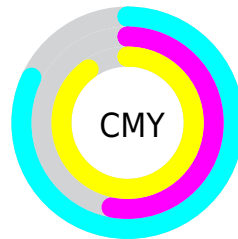


Cyan (63%)

Magenta (0%)

Yellow (78%)

Black (53%)



Cyan (82%)

Magenta (53%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.5039, -27.6266, 21.0811 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 37.5039, -27.6266, 21.0811 by changing the saturation by 10% instead.

37.5039, -27.6266,
21.0811

37.5039, -27.6266,
21.0811

147.5267,
-52.4917, 47.1047

28.5773, -24.1673,
17.4419

57.6248, -33.8862,
27.6905

20.4981, -20.3701,
14.3268

68.7136, -36.7876,
30.7457

13.3680, -16.6421,
9.3576

80.4346, -39.5797,
33.6764

6.9215, -12.1127,
4.8451

92.7552, -42.2838,
36.5053

0.0000, NaN, NaN

0.0000, NaN, NaN

105.6477,
-44.9158, 39.2499

0.0000, NaN, NaN

119.0877,

0.0000, NaN, NaN

-47.4883, 41.9243

0.0000, NaN, NaN

133.0537,
-50.0109, 44.5395

37.5039, -27.6266,
21.0811

37.5039, -27.6266,
21.0811

37.1888, -29.0638,
21.7442

37.9128, -25.7673,
20.0424

36.9534, -30.1315,
22.1507

38.4173, -23.4770,
18.6037

36.9199, -30.2855,
22.2197

39.0210, -20.7611,
16.7554

39.7249, -17.6342,
14.4990

40.5292, -14.1191,
11.8458

■ 41.4327, -10.2438,
8.8139

■ 42.4333, -6.0404,
5.4273

■ 43.5285, -1.5427,
1.7132

■ 44.7150, 3.2149,
-2.2993

Harmonies

Analogous

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



37.5047, -12.1475, 23.9820



37.5039, -27.6266, 21.0811



37.5047, -35.1033, 11.4384

Triad

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



37.5047, -27.6272, 21.0813



37.5047, -12.8529, -62.6636



37.5047, 49.4127, 10.8864

Complementary

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



37.5039, -27.6266, 21.0811



22.0502, 35.2989, -33.5761

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.



37.5047, 49.0967, -10.6693



37.5039, -27.6266, 21.0811



37.5047, 9.3490, -63.1470

Square

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



37.5047, -27.6272, 21.0813



37.5047, -28.0387, -39.4167



37.5047, 33.1319, -40.4999



37.5047, 33.9145, 20.8808

Rectangle

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



37.5039, -27.6266, 21.0811



37.5047, -35.9801, -1.2761



37.5047, 33.1319, -40.4999



37.5047, 51.2501, 5.0812

Sweetspot

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



37.5047, -27.6272, 21.0813



54.3038, -16.3314, 13.8536



36.2112, -1.9743, 20.6781



26.2645, -8.6887, 7.3185



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.



37.5047, -27.6272, 21.0813



49.0670, -39.6789, 29.2163



37.2920, -28.0352, 17.2027



21.1787, -3.1846, 2.8477



38.5545, -31.6614, 23.2028



84.0286, -69.9005, 50.5543

Inverse Universe

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



22.0502, 35.2989, -33.5761



26.5016, 52.4195, -52.6723



23.5140, 35.5807, -11.2170



20.0962, 1.0620, -0.7070



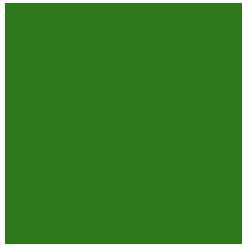
20.4244, 42.2204, -42.9491



44.1976, 91.6558, -95.2071

Previews

White Background



This preview shows how the HunterLab color 37.5039, -27.6266, 21.0811 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 37.5039, -27.6266, 21.0811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

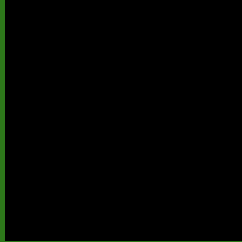
Any Text WCAG AA × Fail

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 37.5039, -27.6266, 21.0811 Background



This preview shows how black text looks on a background with the HunterLab color 37.5039, -27.6266, 21.0811.



This preview shows how white text looks on a background with the HunterLab color 37.5039, -27.6266, 21.0811.

-27.6266, 21.0811.

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

37.5039, -27.6266, 21.0811

Protanopia

37.3403, -5.4357, 21.7085

Deuteranopia

37.1360, 2.1663, 20.3823



Tritanopia

37.5402, -11.3689, -5.6365

Trichromacy



Original Color

37.5039, -27.6266, 21.0811

Protanomaly

36.6577, -15.2383, 21.0105

Deuteranomaly

36.4312, -11.5048, 20.0234

Tritanomaly

37.1926, -19.2276, 8.5464

Monochromacy



Original Color

37.5039, -27.6266, 21.0811

Achromatopsia

30.8719, -1.6472, 1.6773

Achromatomaly

32.6849, -13.0257, 10.8405

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.5039, -27.6266, 21.0811 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(45, 120, 26)` looks like.

```
.text, #text, p{  
    color:rgb(45, 120, 26)  
}
```

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(45, 120, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 120, 26) }
```

Border

The CSS property to change the border of an element to HunterLab 37.5039, -27.6266, 21.0811 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(45, 120, 26) }
```


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

```
.border{ border-color:rgb(45, 120, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 120, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 120, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 120, 26);  
box-shadow:4px 4px 4px 4px rgb(45, 120,  
26) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.5039, -27.6266, 21.0811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 120, 26) }
```

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

```
.background{ background-color: rgb(45, 120,  
26) }
```

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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