

Converting Colors

HunterLab(36.6112, -32.5632,
12.7545)

Have a look what the booklet for
HunterLab(36.6112, -32.5632,
12.7545) contains.

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Color

**HunterLab(37.5558,
-28.1198, 13.7609)**

Conversions

Conversions Part 1

Format	Color
Hex	007945
RGB	0, 121, 69
RGB Percent	0%, 47%, 27%
CMY	1.0000, 0.5255, 0.7294
CMYK	1.00, 0.00, 0.43, 0.53
HSL	154°, 100%, 24%
HSV	154°, 100%, 47%
XYZ	7.9115, 14.1044, 7.9357
YIQ	78.8930, -55.4240, -41.8240

Conversions

Conversions Part 2

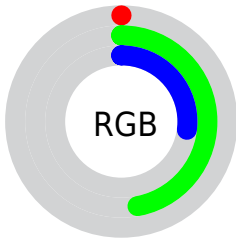
Format	Color
RYB	0, 77, 121
Decimal	31045
CIELab	44.38, -41.96, 20.57
CIELCh	44, 46.726, 153.888
Yxy	14.1049, 0.2641, 0.4709
Android (android.graphics.Color)	4278221125 (0xFF007945)
YUV	78.8930, -4.8772, -69.1892
Hunter-Lab	37.5558, -28.1198, 13.7609

Details

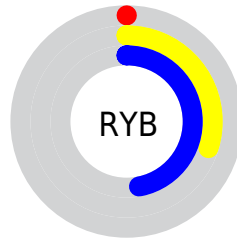
The HunterLab color **37.5558, -28.1198, 13.7609** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **20.7680, 36.7591, 4.1647**, and the grayscale version is **27.9556, -1.4916, 1.5189**.

A 20% lighter version of the original color is **57.5470, -34.3703, 17.1998**, and **21.3832, -17.2351, 10.4785** is the 20% darker color. If you saturate the color by 10%, you get **37.5565, -28.1204, 13.7614**, and if you desaturate by 10%, it is **37.7509, -27.1329, 12.5559**.

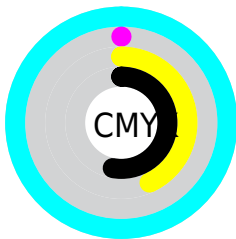
Distribution



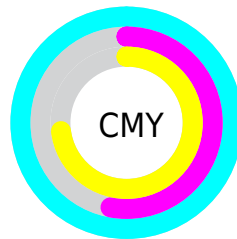
- Red (0%)
- Green (47%)
- Blue (27%)



- Red (0%)
- Yellow (30%)
- Blue (47%)



- Cyan (100%)
- Magenta (0%)
- Yellow (43%)
- Black (53%)



- Cyan (100%)
- Magenta (53%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.5558, -28.1198, 13.7609 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 37.5558, -28.1198, 13.7609 by changing the saturation by 10% instead.

■ 37.5558, -28.1198,
13.7609

■ 37.5558, -28.1198,
13.7609

147.6085,
-53.4337, 28.9587

■ 28.6246, -24.5887,
11.8208

■ 57.6846, -34.5030,
17.3795

■ 20.5405, -20.7109,
9.7393

■ 68.7771, -37.4593,
19.1047

■ 13.4048, -16.9443,
8.0745

■ 80.5014, -40.3027,
20.7936

■ 6.9659, -12.1903,
4.8761

■ 92.8254, -43.0551,
22.4558

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.7210,
-45.7329, 24.0985

0.0000, NaN, NaN

■ 119.1639,

0.0000, NaN, NaN

-48.3488, 25.7271

0.0000, NaN, NaN

133.1328,
-50.9131, 27.3461

37.5558, -28.1198,
13.7609

37.5558, -28.1198,
13.7609

37.5565, -28.1204,
13.7614

37.7509, -27.1329,
12.5559

38.0030, -25.8993,
11.3033

38.3476, -24.2854,
10.0444

38.7921, -22.2734,
8.7970

39.3420, -19.8595,
7.5779

■ 40.0004, -17.0518,
6.4026

■ 40.7688, -13.8678,
5.2845

■ 41.6471, -10.3327,
4.2350

■ 42.6342, -6.4765,
3.2631

Harmonies

Analogous

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



37.5566, -19.2888, 20.3013



37.5558, -28.1198, 13.7609



37.5566, -30.4780, -0.2370

Triad

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



37.5566, -28.1202, 13.7612



37.5566, 0.3492, -47.2872



37.5566, 30.9387, 16.0712

Complementary

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



37.5558, -28.1198, 13.7609



20.7680, 36.7591, 4.1647

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.



37.5566, 38.7313, 4.1909



37.5558, -28.1198, 13.7609



37.5566, 19.1075, -36.4064

Square

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



37.5566, -28.1202, 13.7612



37.5566, -15.9482, -40.6694



37.5566, 34.0432, -15.3492



37.5566, 14.3233, 21.1310

Rectangle

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



37.5558, -28.1198, 13.7609



37.5566, -28.5150, -13.7233



37.5566, 34.0432, -15.3492



37.5566, 34.8045, 13.0067

Sweetspot

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



37.5566, -28.1202, 13.7612



54.4727, -18.8944, 7.1809



37.9696, -27.5387, 22.9145



25.8757, -9.7416, 3.6713



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.



37.5566, -28.1202, 13.7612



50.2282, -37.8052, 18.8296



36.2993, -17.5492, -7.4870



21.1771, -3.0266, 1.5750



38.8751, -29.1279, 14.2883



84.8034, -64.2476, 32.6952

Inverse Universe

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



20.7680, 36.7591, 4.1647



27.7415, 49.0102, 6.2829



20.5919, 33.0781, 13.2675



20.1022, 0.9005, 0.7099



21.4936, 38.0344, 4.3850



46.7684, 82.4297, 12.1009

Previews

White Background



This preview shows how the HunterLab color 37.5558, -28.1198, 13.7609 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 37.5558, -28.1198, 13.7609 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 37.5558, -28.1198, 13.7609 Background



This preview shows how black text looks on a background with the HunterLab color 37.5558, -28.1198, 13.7609.



This preview shows how white text looks on a background with the HunterLab color 37.5558,

-28.1198, 13.7609.

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

37.5558, -28.1198, 13.7609

Protanopia

37.4692, -4.1729, 15.5740

Deuteranopia

37.3748, 2.6546, 12.7993



Tritanopia

37.7817, -14.8524, -6.9033

Trichromacy



Original Color

37.5558, -28.1198, 13.7609

Protanomaly

36.2864, -17.3284, 13.8847

Deuteranomaly

35.9144, -13.9415, 11.7650

Tritanomaly

37.3942, -20.7283, 1.9139

Monochromacy



Original Color

37.5558, -28.1198, 13.7609

Achromatopsia

27.9620, -1.4920, 1.5192

Achromatomaly

30.3175, -14.2670, 5.4138

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.5558, -28.1198, 13.7609 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, 121, 69)` looks like.

```
.text, #text, p{  
    color:rgb(0, 121, 69)  
}
```

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, 121, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 121, 69) }
```

Border

The CSS property to change the border of an element to HunterLab 37.5558, -28.1198, 13.7609 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, 121, 69) }
```


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

```
.border{ border-color:rgb(0, 121, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 121, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 121, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 121, 69);  
box-shadow:4px 4px 4px 4px rgb(0, 121, 69)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 37.5558, -28.1198, 13.7609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 121, 69) }
```

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

```
.background{ background-color: rgb(0, 121,  
69) }
```

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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