

Converting Colors

HunterLab(35.9719, -30.6957,
12.0683)

Have a look what the booklet for
HunterLab(35.9719, -30.6957,
12.0683) contains.

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Color

**HunterLab(36.9267,
-27.3896, 12.9711)**

Conversions

Conversions Part 1

Format	Color
Hex	007746
RGB	0, 119, 70
RGB Percent	0%, 47%, 27%
CMY	1.0000, 0.5333, 0.7255
CMYK	1.00, 0.00, 0.41, 0.53
HSL	155°, 100%, 23%
HSV	155°, 100%, 47%
XYZ	7.7023, 13.6358, 8.0204
YIQ	77.8330, -55.1950, -40.4670

Conversions

Conversions Part 2

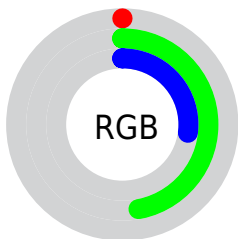
Format	Color
RYB	0, 75, 119
Decimal	30534
CIELab	43.71, -40.98, 19.10
CIELCh	44, 45.217, 155.008
Yxy	13.6364, 0.2624, 0.4645
Android (android.graphics.Color)	4278220614 (0xFF007746)
YUV	77.8330, -3.8617, -68.2595
Hunter-Lab	36.9267, -27.3896, 12.9711

Details

The HunterLab color **36.9267, -27.3896, 12.9711** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **20.3567, 35.9498, 4.7084**, and the grayscale version is **27.5703, -1.4711, 1.4979**.

A 20% lighter version of the original color is **56.8977, -33.4925, 16.2872**, and **20.8106, -16.5657, 9.7491** is the 20% darker color. If you saturate the color by 10%, you get **36.9274, -27.3903, 12.9718**, and if you desaturate by 10%, it is **37.1191, -26.4203, 11.8057**.

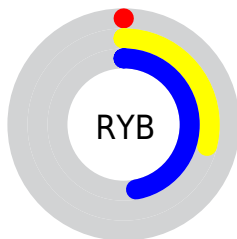
Distribution



Red (0%)

Green (47%)

Blue (27%)



Red (0%)

Yellow (29%)

Blue (47%)

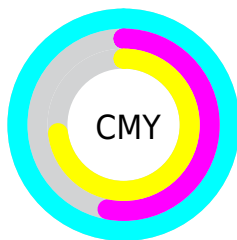


Cyan (100%)

Magenta (0%)

Yellow (41%)

Black (53%)



Cyan (100%)

Magenta (53%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.9267, -27.3896, 12.9711 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 36.9267, -27.3896, 12.9711 by changing the saturation by 10% instead.

■ 36.9267, -27.3896,
12.9711

■ 36.9267, -27.3896,
12.9711

146.6140,
-52.2792, 27.4792

■ 28.0503, -23.9171,
11.1377

■ 56.9582, -33.6635,
16.4020

■ 20.0268, -20.0999,
9.1740

■ 68.0066, -36.5690,
18.0432

■ 12.9598, -16.5947,
7.6233

■ 79.6894, -39.3638,
19.6532

■ 6.4060, -11.2105,
4.4842

■ 91.9737, -42.0697,
21.2408

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.8314,
-44.7028, 22.8128

0.0000, NaN, NaN

■ 118.2381,

0.0000, NaN, NaN

-47.2759, 24.3741

0.0000, NaN, NaN

132.1720,
-49.7987, 25.9285

36.9267, -27.3896,
12.9711

36.9267, -27.3896,
12.9711

36.9274, -27.3903,
12.9718

37.1191, -26.4203,
11.8057

37.3660, -25.2164,
10.6017

37.7028, -23.6440,
9.4007

38.1371, -21.6855,
8.2199

38.6738, -19.3371,
7.0755

■ 39.3162, -16.6063,
5.9818

■ 40.0658, -13.5101,
4.9515

■ 40.9226, -10.0722,
3.9950

■ 41.8853, -6.3216,
3.1204

Harmonies

Analogous

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



36.9274, -19.0721, 19.5933



36.9267, -27.3896, 12.9711



36.9274, -29.4473, -0.8390

Triad

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



36.9274, -27.3899, 12.9714



36.9274, 0.9551, -44.9744



36.9274, 29.1549, 15.8721

Complementary

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



36.9267, -27.3896, 12.9711



20.3567, 35.9498, 4.7084

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.



36.9274, 37.0184, 4.6487



36.9267, -27.3896, 12.9711



36.9274, 18.9467, -34.0872

Square

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



36.9274, -27.3899, 12.9714



36.9274, -14.9140, -39.3024



36.9274, 32.9782, -13.8771



36.9274, 13.0407, 20.6514

Rectangle

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



36.9267, -27.3896, 12.9711



36.9274, -27.3870, -13.8889



36.9274, 32.9782, -13.8771



36.9274, 32.9727, 12.9769

Sweetspot

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



36.9274, -27.3899, 12.9714



53.5324, -18.4125, 6.7282



37.2314, -27.3171, 22.4634



25.8876, -9.6726, 3.5008



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.



36.9274, -27.3899, 12.9714



49.3864, -36.8264, 17.7690



35.0535, -16.4930, -8.2098



20.3248, -2.8757, 1.4715



38.0596, -28.2476, 13.4073



83.9140, -62.9946, 31.1020

Inverse Universe

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



20.3567, 35.9498, 4.7084



27.1917, 47.9300, 7.0012



20.3407, 32.1130, 13.0957



19.2965, 0.8338, 0.7220



20.9776, 37.0392, 4.9169



46.1334, 81.1232, 13.3885

Previews

White Background



This preview shows how the HunterLab color 36.9267, -27.3896, 12.9711 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 36.9267, -27.3896, 12.9711 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 36.9267, -27.3896, 12.9711 Background



This preview shows how black text looks on a background with the HunterLab color 36.9267, -27.3896, 12.9711.



This preview shows how white text looks on a background with the HunterLab color 36.9267,

-27.3896, 12.9711.

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

36.9267, -27.3896, 12.9711

Protanopia

36.7633, -3.8486, 14.7634

Deuteranopia

36.8365, 2.2033, 12.0229



Tritanopia

37.0526, -14.6718, -6.8878

Trichromacy



Original Color

36.9267, -27.3896, 12.9711

Protanomaly

35.5953, -16.9058, 13.0524

Deuteranomaly

35.2261, -13.5143, 10.8603

Tritanomaly

36.7066, -20.3203, 1.5360

Monochromacy



Original Color

36.9267, -27.3896, 12.9711

Achromatopsia

27.6017, -1.4728, 1.4997

Achromatomaly

30.0247, -13.9015, 5.1128

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.9267, -27.3896, 12.9711 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, 119, 70)` looks like.

```
.text, #text, p{  
    color:rgb(0, 119, 70)  
}
```

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, 119, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 119, 70) }
```

Border

The CSS property to change the border of an element to HunterLab 36.9267, -27.3896, 12.9711 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, 119, 70) }
```


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

```
.border{ border-color:rgb(0, 119, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 119, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 119, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 119, 70);  
box-shadow:4px 4px 4px 4px rgb(0, 119, 70)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 36.9267, -27.3896, 12.9711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 119, 70) }
```

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

```
.background{ background-color: rgb(0, 119,  
70) }
```

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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