

Converting Colors

HunterLab(30.8831, -34.4590,
9.4274)

Have a look what the booklet for
HunterLab(30.8831, -34.4590,
9.4274) contains.

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Color

**HunterLab(33.2927,
-24.7001, 11.7076)**

Conversions

Conversions Part 1

Format	Color
Hex	006C3F
RGB	0, 108, 63
RGB Percent	0%, 42%, 25%
CMY	1.0000, 0.5765, 0.7529
CMYK	1.00, 0.00, 0.42, 0.58
HSL	155°, 100%, 21%
HSV	155°, 100%, 42%
XYZ	6.2598, 11.0840, 6.5121
YIQ	70.5780, -49.9230, -36.8910

Conversions

Conversions Part 2

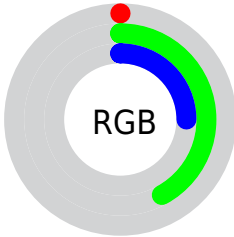
Format	Color
RYB	0, 68, 108
Decimal	27711
CIELab	39.72, -38.26, 17.86
CIELCh	40, 42.223, 154.979
Yxy	11.0845, 0.2624, 0.4646
Android (android.graphics.Color)	4278217791 (0xFF006C3F)
YUV	70.5780, -3.7360, -61.8969
Hunter-Lab	33.2927, -24.7001, 11.7076

Details

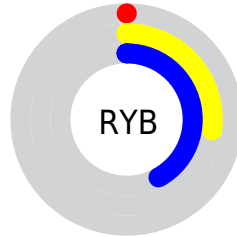
The HunterLab color **33.2927, -24.7001, 11.7076** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **18.3790, 32.5042, 3.8834**, and the grayscale version is **24.9789, -1.3328, 1.3572**.

A 20% lighter version of the original color is **52.5995, -30.5829, 14.9243**, and **17.8184, -14.3372, 8.6786** is the 20% darker color. If you saturate the color by 10%, you get **33.2933, -24.7008, 11.7083**, and if you desaturate by 10%, it is **33.4764, -23.7838, 10.6664**.

Distribution



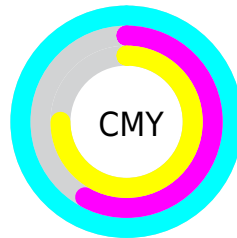
- Red (0%)
- Green (42%)
- Blue (25%)



- Red (0%)
- Yellow (27%)
- Blue (42%)



- Cyan (100%)
- Magenta (0%)
- Yellow (42%)
- Black (58%)



- Cyan (100%)
- Magenta (58%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.2927, -24.7001, 11.7076 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 33.2927, -24.7001, 11.7076 by changing the saturation by 10% instead.

■ 33.2927, -24.7001,
11.7076

■ 33.2927, -24.7001,
11.7076

140.7999,
-48.5682, 25.7012

■ 24.7461, -21.3339,
9.9301

■ 52.7411, -30.7399,
15.0186

■ 17.0893, -17.6003,
8.0131

■ 63.5264, -33.5267,
16.5997

■ 10.4419, -16.7517,
7.3093

■ 74.9607, -36.2043,
18.1507

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 87.0089, -38.7949,
19.6806

0.0000, NaN, NaN

■ 99.6412, -41.3153,
21.1961

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 112.8319,

-43.7780, 22.7023

0.0000, NaN, NaN

126.5582,
-46.1930, 24.2030

33.2927, -24.7001,
11.7076

33.2927, -24.7001,
11.7076

33.2933, -24.7008,
11.7083

33.4764, -23.7838,
10.6664

33.7040, -22.6783,
9.5855

34.0117, -21.2446,
8.5065

34.4060, -19.4688,
7.4444

34.8911, -17.3481,
6.4132

■ 35.4697, -14.8899,
5.4256

■ 36.1431, -12.1093,
4.4927

■ 36.9111, -9.0274,
3.6236

■ 37.7727, -5.6698,
2.8256

Harmonies

Analogous

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



33.2934, -17.1927, 17.6737



33.2927, -24.7001, 11.7076



33.2934, -26.5613, -0.7424

Triad

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



33.2934, -24.7004, 11.7078



33.2934, 0.8470, -40.5830



33.2934, 26.3146, 14.3085

Complementary

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



33.2927, -24.7001, 11.7076



18.3790, 32.5042, 3.8834

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.



33.2934, 33.3997, 4.1792



33.2927, -24.7001, 11.7076



33.2934, 17.0784, -30.7714

Square

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



33.2934, -24.7004, 11.7078



33.2934, -13.4640, -35.4502



33.2934, 29.7441, -12.5390



33.2934, 11.7811, 18.6220

Rectangle

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



33.2927, -24.7001, 11.7076



33.2934, -24.7068, -12.5130



33.2934, 29.7441, -12.5390



33.2934, 29.7563, 11.6955

Sweetspot

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



33.2934, -24.7004, 11.7078



47.8108, -16.3617, 6.0510



33.6530, -24.2776, 20.3115



23.3772, -8.6433, 3.1673



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



33.2934, -24.7004, 11.7078



44.0858, -32.8939, 15.9049



32.1742, -15.5750, -6.5923



18.6322, -2.6104, 1.3515



36.3526, -27.0229, 12.8970



81.9517, -61.6615, 30.6769

Inverse Universe

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



18.3790, 32.5042, 3.8834



24.3047, 42.8979, 5.8185



18.2885, 29.1217, 11.7786



17.7081, 0.7351, 0.6587



20.0585, 35.4511, 4.4318



45.0954, 79.3546, 12.6481

Previews

White Background



This preview shows how the HunterLab color 33.2927, -24.7001, 11.7076 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 33.2927, -24.7001, 11.7076 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 33.2927, -24.7001, 11.7076 Background



This preview shows how black text looks on a background with the HunterLab color 33.2927, -24.7001, 11.7076.



This preview shows how white text looks on a background with the HunterLab color 33.2927,

-24.7001, 11.7076.

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

33.2927, -24.7001, 11.7076

Protanopia

33.3551, -3.6751, 13.6082

Deuteranopia

33.3123, 1.8504, 11.1081



Tritanopia

33.3190, -12.7943, -6.4542

Trichromacy



Original Color

33.2927, -24.7001, 11.7076

Protanomaly

32.1920, -15.1310, 11.9511

Deuteranomaly

32.0661, -12.3808, 10.0120

Tritanomaly

33.0385, -17.9903, 1.0393

Monochromacy



Original Color

33.2927, -24.7001, 11.7076

Achromatopsia

25.1018, -1.3394, 1.3638

Achromatomaly

27.0479, -12.3841, 4.4621

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.2927, -24.7001, 11.7076 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, 108, 63)` looks like.

```
.text, #text, p{  
    color:rgb(0, 108, 63)  
}
```

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, 108, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 108, 63) }
```

Border

The CSS property to change the border of an element to HunterLab 33.2927, -24.7001, 11.7076 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, 108, 63) }
```


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

```
.border{ border-color:rgb(0, 108, 63) }
```

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

Here you see how a box with a 4 pixel rgb(0, 108, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 108, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 108, 63);  
box-shadow:4px 4px 4px 4px rgb(0, 108, 63)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.2927, -24.7001, 11.7076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 108, 63) }
```

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

```
.background{ background-color: rgb(0, 108,  
63) }
```

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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