

Converting Colors

HunterLab(33.6369, -25.2549,
12.4748)

Have a look what the booklet for
HunterLab(33.6369, -25.2549,
12.4748) contains.

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Color

**HunterLab(33.5771,
-25.2101, 12.4530)**

Conversions

Conversions Part 1

Format	Color
Hex	006D3D
RGB	0, 109, 61
RGB Percent	0%, 43%, 24%
CMY	1.0000, 0.5725, 0.7608
CMYK	1.00, 0.00, 0.44, 0.57
HSL	154°, 100%, 21%
HSV	154°, 100%, 43%
XYZ	6.3110, 11.2742, 6.2584
YIQ	70.9370, -49.5560, -38.0360

Conversions

Conversions Part 2

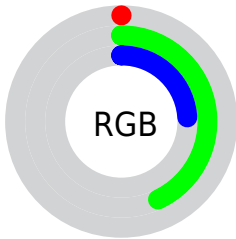
Format	Color
RYB	0, 70, 109
Decimal	27965
CIELab	40.04, -39.08, 19.43
CIELCh	40, 43.644, 153.558
Yxy	11.2747, 0.2647, 0.4728
Android (android.graphics.Color)	4278218045 (0xFF006D3D)
YUV	70.9370, -4.8989, -62.2117
Hunter-Lab	33.5771, -25.2101, 12.4530

Details

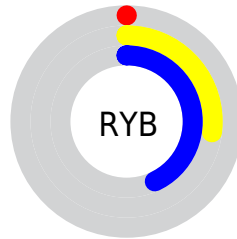
The HunterLab color **33.5771, -25.2101, 12.4530** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **18.6142, 33.0227, 3.1395**, and the grayscale version is **25.1098, -1.3398, 1.3643**.

A 20% lighter version of the original color is **53.2189, -31.5753, 16.1220**, and **18.0892, -14.7128, 9.1507** is the 20% darker color. If you saturate the color by 10%, you get **33.5777, -25.2108, 12.4536**, and if you desaturate by 10%, it is **33.7627, -24.2804, 11.3819**.

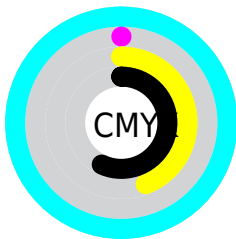
Distribution



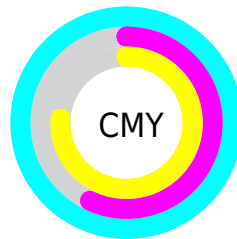
- Red (0%)
- Green (43%)
- Blue (24%)



- Red (0%)
- Yellow (27%)
- Blue (43%)



- Cyan (100%)
- Magenta (0%)
- Yellow (44%)
- Black (57%)



- Cyan (100%)
- Magenta (57%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.5771, -25.2101, 12.4530 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 33.5771, -25.2101, 12.4530 by changing the saturation by 10% instead.

■ 33.5771, -25.2101,
12.4530

■ 33.5771, -25.2101,
12.4530

141.2595,
-49.4652, 27.2166

■ 25.0038, -21.7852,
10.5510

■ 53.0726, -31.3542,
15.9783

■ 17.3172, -17.9876,
8.4934

■ 63.8790, -34.1880,
17.6538

■ 10.6355, -16.8934,
7.4448

■ 75.3332, -36.9098,
19.2928

■ 0.6595, -1.1541,
0.4616

■ 87.4004, -39.5424,
20.9053

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.0508,
-42.1025, 22.4989

0.0000, NaN, NaN

■ 113.2588,

0.0000, NaN, NaN

-44.6033, 24.0792

0.0000, NaN, NaN

127.0017,
-47.0549, 25.6506

33.5771, -25.2101,
12.4530

33.5771, -25.2101,
12.4530

33.5777, -25.2108,
12.4536

33.7627, -24.2804,
11.3819

33.9940, -23.1529,
10.2609

34.3070, -21.6887,
9.1310

34.7083, -19.8736,
8.0076

35.2022, -17.7056,
6.9054

■ 35.7914, -15.1922,
5.8378

■ 36.4771, -12.3493,
4.8168

■ 37.2592, -9.1992,
3.8524

■ 38.1365, -5.7681,
2.9529

Harmonies

Analogous

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



33.5778, -17.2149, 18.2482



33.5771, -25.2101, 12.4530



33.5778, -27.3893, -0.0470

Triad

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



33.5778, -25.2104, 12.4532



33.5778, 0.1447, -42.6939



33.5778, 28.0077, 14.3485

Complementary

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



33.5771, -25.2101, 12.4530



18.6142, 33.0227, 3.1395

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.



33.5778, 34.9181, 3.6003



33.5771, -25.2101, 12.4530



33.5778, 17.0378, -33.0208

Square

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



33.5778, -25.2104, 12.4532



33.5778, -14.4668, -36.5457



33.5778, 30.5697, -14.0595



33.5778, 13.0925, 18.9257

Rectangle

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



33.5771, -25.2101, 12.4530



33.5778, -25.6696, -12.1600



33.5778, 30.5697, -14.0595



33.5778, 31.4588, 11.5762

Sweetspot

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



33.5778, -25.2104, 12.4532



48.7294, -16.8592, 6.5569



34.0470, -24.2563, 20.5548



23.3633, -8.7238, 3.3666



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.



33.5778, -25.2104, 12.4532



44.9030, -33.9097, 17.0765



33.0377, -16.3981, -5.8949



18.6292, -2.6272, 1.3947



36.3067, -27.3065, 13.5667



81.8473, -62.3068, 32.2005

Inverse Universe

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



18.6142, 33.0227, 3.1395



24.8584, 44.0094, 4.9114



18.3569, 29.7791, 11.8323



17.7112, 0.7519, 0.6142



20.1186, 35.6707, 3.5661



45.2273, 79.8379, 10.7388

Previews

White Background



This preview shows how the HunterLab color 33.5771, -25.2101, 12.4530 looks on a white background.

Color Contrast Check

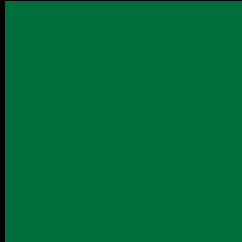
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.5771, -25.2101, 12.4530 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 33.5771, -25.2101, 12.4530 Background



This preview shows how black text looks on a background with the HunterLab color 33.5771, -25.2101, 12.4530.



This preview shows how white text looks on a background with the HunterLab color 33.5771, -25.2101, 12.4530.

-25.2101, 12.4530.

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

33.5771, -25.2101, 12.4530

Protanopia

33.4138, -3.5262, 14.1142

Deuteranopia

33.3922, 2.0839, 11.4609



Tritanopia

33.6474, -12.9948, -6.5058

Trichromacy



Original Color

33.5771, -25.2101, 12.4530

Protanomaly

32.2139, -15.1091, 12.4611

Deuteranomaly

32.0299, -12.5911, 10.5376

Tritanomaly

33.3169, -18.5065, 1.7765

Monochromacy



Original Color

33.5771, -25.2101, 12.4530

Achromatopsia

25.1018, -1.3394, 1.3638

Achromatomaly

27.3132, -12.8749, 5.0779

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.5771, -25.2101, 12.4530 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, 109, 61)` looks like.

```
.text, #text, p{  
    color:rgb(0, 109, 61)  
}
```

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, 109, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 109, 61) }
```

Border

The CSS property to change the border of an element to HunterLab 33.5771, -25.2101, 12.4530 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, 109, 61) }
```


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

```
.border{ border-color:rgb(0, 109, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 109, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 109, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 109, 61);  
box-shadow:4px 4px 4px 4px rgb(0, 109, 61)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.5771, -25.2101, 12.4530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 109, 61) }
```

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

```
.background{ background-color: rgb(0, 109,  
61) }
```

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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