

Converting Colors

HunterLab(31.4713, -32.3856,
13.4335)

Have a look what the booklet for
HunterLab(31.4713, -32.3856,
13.4335) contains.

HunterLab(33.0861, -25.9786, 14.7256)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(33.0861,
-25.9786, 14.7256)**

Conversions

Conversions Part 1

Format	Color
Hex	006C31
RGB	0, 108, 49
RGB Percent	0%, 42%, 19%
CMY	1.0000, 0.5765, 0.8078
CMYK	1.00, 0.00, 0.55, 0.58
HSL	147°, 100%, 21%
HSV	147°, 100%, 42%
XYZ	5.9170, 10.9469, 4.7069
YIQ	68.9820, -45.4290, -41.2450

Conversions

Conversions Part 2

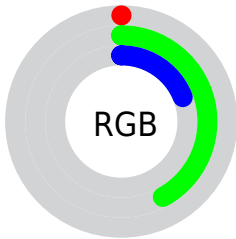
Format	Color
RYB	0, 74, 108
Decimal	27697
CIELab	39.49, -41.02, 25.48
CIELCh	39, 48.292, 148.152
Yxy	10.9473, 0.2743, 0.5075
Android (android.graphics.Color)	4278217777 (0xFF006C31)
YUV	68.9820, -9.8511, -60.4972
Hunter-Lab	33.0861, -25.9786, 14.7256

Details

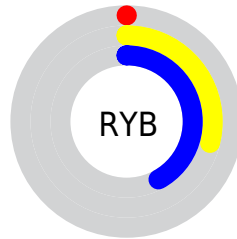
The HunterLab color **33.0861, -25.9786, 14.7256** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **18.7193, 33.7436, -0.9810**, and the grayscale version is **24.4345, -1.3038, 1.3276**.

A 20% lighter version of the original color is **52.6598, -32.5808, 19.1452**, and **17.6983, -15.0879, 10.4491** is the 20% darker color. If you saturate the color by 10%, you get **33.0867, -25.9792, 14.7260**, and if you desaturate by 10%, it is **33.2720, -25.0420, 13.6447**.

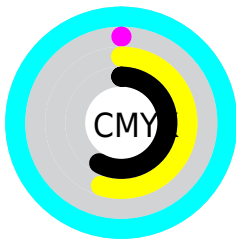
Distribution



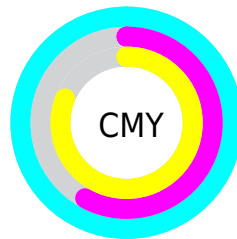
- Red (0%)
- Green (42%)
- Blue (19%)



- Red (0%)
- Yellow (29%)
- Blue (42%)



- Cyan (100%)
- Magenta (0%)
- Yellow (55%)
- Black (58%)



- Cyan (100%)
- Magenta (58%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.0861, -25.9786, 14.7256 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 33.0861, -25.9786, 14.7256 by changing the saturation by 10% instead.

■ 33.0861, -25.9786,
14.7256

■ 33.0861, -25.9786,
14.7256

140.4656,
-51.2762, 32.5686

■ 24.5590, -22.3729,
12.3128

■ 52.5002, -32.4227,
19.1210

■ 16.9240, -18.3619,
9.8569

■ 63.2701, -35.3855,
21.1764

■ 10.3017, -18.0280,
7.2112

■ 74.6898, -38.2262,
23.1675

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 86.7242, -40.9694,
25.1092

0.0000, NaN, NaN

■ 99.3434, -43.6334,
27.0125

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 112.5214,

-46.2323, 28.8861

0.0000, NaN, NaN

126.2356,
-48.7770, 30.7363

33.0861, -25.9786,
14.7256

33.0861, -25.9786,
14.7256

33.0867, -25.9792,
14.7260

33.2720, -25.0420,
13.6447

33.5059, -23.8901,
12.4650

33.8243, -22.3822,
11.2242

34.2335, -20.5048,
9.9379

34.7379, -18.2574,
8.6218

■ 35.3399, -15.6498,
7.2914

■ 36.0406, -12.7002,
5.9615

■ 36.8395, -9.4332,
4.6459

■ 37.7353, -5.8779,
3.3566

Harmonies

Analogous

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



33.0868, -16.3296, 19.5099



33.0861, -25.9786, 14.7256



33.0868, -29.3539, 2.8271

Triad

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



33.0868, -25.9790, 14.7258



33.0868, -2.8565, -49.5772



33.0868, 33.8644, 13.7156

Complementary

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



33.0861, -25.9786, 14.7256



18.7193, 33.7436, -0.9810

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.



33.0868, 39.5347, 0.7410



33.0861, -25.9786, 14.7256



33.0868, 15.8515, -41.2906

Square

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



33.0868, -25.9790, 14.7258



33.0868, -17.8647, -39.1372



33.0868, 32.3513, -20.2149



33.0868, 18.1530, 19.1792

Rectangle

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



33.0861, -25.9786, 14.7256



33.0868, -28.2737, -9.9430



33.0868, 32.3513, -20.2149



33.0868, 37.1362, 10.3760

Sweetspot

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



33.0868, -25.9790, 14.7258



47.6721, -17.1628, 8.0423



34.1580, -22.2018, 20.6592



23.3031, -9.0735, 4.2321



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.



33.0868, -25.9790, 14.7258



43.8124, -34.5870, 19.9017



34.2007, -19.1882, -1.3259



18.6158, -2.7019, 1.5863



36.1271, -28.4190, 16.1927



81.4451, -64.8021, 38.0898

Inverse Universe

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



18.7193, 33.7436, -0.9810



24.7541, 44.5349, -0.6152



17.8890, 30.7009, 11.0464



17.7253, 0.8276, 0.4138



20.4299, 36.8032, -0.8786



45.9242, 82.3784, 0.7474

Previews

White Background



This preview shows how the HunterLab color 33.0861, -25.9786, 14.7256 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 33.0861, -25.9786, 14.7256 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 33.0861, -25.9786, 14.7256 Background



This preview shows how black text looks on a background with the HunterLab color 33.0861, -25.9786, 14.7256.



This preview shows how white text looks on a background with the HunterLab color 33.0861,

-25.9786, 14.7256.

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

33.0861, -25.9786, 14.7256

Protanopia

33.0062, -3.8831, 15.9899

Deuteranopia

33.0482, 1.8398, 14.1351



Tritanopia

33.3478, -12.7502, -5.9022

Trichromacy



Original Color

33.0861, -25.9786, 14.7256

Protanomaly

31.7661, -15.6518, 14.4758

Deuteranomaly

31.6092, -13.1029, 13.1542

Tritanomaly

32.9215, -18.7707, 3.3301

Monochromacy



Original Color

33.0861, -25.9786, 14.7256

Achromatopsia

24.3949, -1.3017, 1.3254

Achromatomaly

26.5891, -12.9546, 5.9948

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.0861, -25.9786, 14.7256 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, 49)` looks like.

```
.text, #text, p{  
    color:rgb(0, 108, 49)  
}
```

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, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 108, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 33.0861, -25.9786, 14.7256 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, 49) }
```


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

```
.border{ border-color:rgb(0, 108, 49) }
```

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, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 108, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 108, 49);  
box-shadow:4px 4px 4px 4px rgb(0, 108, 49)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.0861, -25.9786, 14.7256 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, 49) }
```

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

```
.background{ background-color: rgb(0, 108,  
49) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor