

# Converting Colors

HunterLab(33.7586, -26.3774,  
14.7458)

Have a look what the booklet for  
HunterLab(33.7586, -26.3774,  
14.7458) contains.

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# Color

**HunterLab(33.7504,  
-26.4127, 14.8324)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	006E33
RGB	0, 110, 51
RGB Percent	0%, 43%, 20%
CMY	1.0000, 0.5686, 0.8000
CMYK	1.00, 0.00, 0.54, 0.57
HSL	148°, 100%, 22%
HSV	148°, 100%, 43%
XYZ	6.1735, 11.3909, 5.0053
YIQ	70.3840, -46.6210, -41.6690

# Conversions

## Conversions Part 2

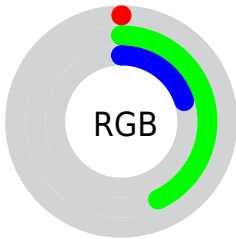
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 75, 110
Decimal	28211
CIELab	40.23, -41.39, 25.31
CIELCh	40, 48.512, 148.558
Yxy	11.3914, 0.2735, 0.5047
Android (android.graphics.Color)	4278218291 (0xFF006E33)
YUV	70.3840, -9.5563, -61.7268
Hunter-Lab	33.7504, -26.4127, 14.8324

# Details

The HunterLab color  $[33.7504, -26.4127, 14.8324]$  is a dark color, and the websafe version is hex  $006633$ . A complement of this color would be  $[19.0551, 34.2889, -0.5336]$ , and the grayscale version is  $[24.9291, -1.3302, 1.3544]$ .

A 20% lighter version of the original color is  $[53.3964, -32.9468, 19.2185]$ , and  $[18.2988, -15.4774, 10.5394]$  is the 20% darker color. If you saturate the color by 10%, you get  $[33.7510, -26.4133, 14.8329]$ , and if you desaturate by 10%, it is  $[33.9380, -25.4658, 13.7265]$ .

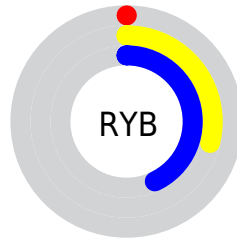
# Distribution



Red (0%)

Green (43%)

Blue (20%)



Red (0%)

Yellow (29%)

Blue (43%)

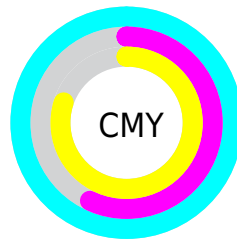


Cyan (100%)

Magenta (0%)

Yellow (54%)

Black (57%)



Cyan (100%)

Magenta (57%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.7504, -26.4127, 14.8324 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 33.7504, -26.4127, 14.8324 by changing the saturation by 10% instead.



■ 33.7504, -26.4127,  
14.8324

■ 33.7504, -26.4127,  
14.8324

141.5391,  
-51.8266, 32.5483

■ 25.1609, -22.8004,  
12.4480

■ 53.2744, -32.8789,  
19.1855

■ 17.4562, -18.7900,  
9.9451

■ 64.0937, -35.8546,  
21.2244

■ 10.7537, -17.7193,  
7.5276

■ 75.5600, -38.7088,  
23.2010

■ 1.6024, -2.8043,  
1.1217

■ 87.6387, -41.4656,  
25.1298

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.3001,  
-44.1434, 27.0215

0.0000, NaN, NaN

■ 113.5186,

0.0000, NaN, NaN

-46.7559, 28.8845

0.0000, NaN, NaN

127.2716,  
-49.3140, 30.7250

33.7504, -26.4127,  
14.8324

33.7504, -26.4127,  
14.8324

33.7510, -26.4133,  
14.8329

33.9380, -25.4658,  
13.7265

34.1754, -24.2966,  
12.5251

34.4988, -22.7654,  
11.2663

34.9148, -20.8586,  
9.9661

35.4278, -18.5749,  
8.6404

■ 36.0404, -15.9243,  
7.3051

■ 36.7536, -12.9251,  
5.9751

■ 37.5672, -9.6023,  
4.6641

■ 38.4796, -5.9853,  
3.3841

# Harmonies

## Analogous

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



33.7511, -16.7170, 19.7890



33.7504, -26.4127, 14.8324



33.7511, -29.7559, 2.6497

# Triad

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



33.7511, -26.4131, 14.8326



33.7511, -2.6633, -49.9427



33.7511, 34.0169, 14.0311

# Complementary

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



33.7504, -26.4127, 14.8324



19.0551, 34.2889, -0.5336

# 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.



33.7511, 39.9053, 1.0039



33.7504, -26.4127, 14.8324



33.7511, 16.2571, -41.3662

# Square

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



33.7511, -26.4131, 14.8326



33.7511, -17.9304, -39.6760



33.7511, 32.8262, -20.0645



33.7511, 18.0700, 19.5246



# Rectangle

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



33.7504, -26.4127, 14.8324



33.7511, -28.6041, -10.3185



33.7511, 32.8262, -20.0645



33.7511, 37.3680, 10.6772

# Sweetspot

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



33.7511, -26.4131, 14.8326



48.6248, -17.4634, 8.0589



34.8263, -22.6582, 21.0630



23.3086, -9.0414, 4.1527



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.



33.7511, -26.4131, 14.8326



44.6998, -35.1691, 20.0491



34.8741, -19.5682, -1.3472



19.4591, -2.8336, 1.6451



36.9840, -28.9985, 16.3726



82.4416, -65.3655, 38.0605



# Inverse Universe

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



19.0551, 34.2889, -0.5336



25.2030, 45.2641, -0.0184



18.2407, 31.3031, 11.2743



18.5165, 0.8762, 0.4466



20.8705, 37.5304, -0.3828



46.3920, 83.0784, 1.8335



# Previews

## White Background



This preview shows how the HunterLab color 33.7504, -26.4127, 14.8324 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 33.7504, -26.4127, 14.8324 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 33.7504, -26.4127, 14.8324 Background



This preview shows how black text looks on a background with the HunterLab color 33.7504, -26.4127, 14.8324.



This preview shows how white text looks on a background with the HunterLab color 33.7504,

-26.4127, 14.8324.

# 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

33.7504, -26.4127, 14.8324

### Protanopia

33.7416, -3.9711, 16.1800

### Deuteranopia

33.5301, 2.2250, 14.0843



## Tritanopia

33.7401, -12.6420, -6.3682

# Trichromacy



## Original Color

33.7504, -26.4127, 14.8324

## Protanomaly

32.4361, -16.0104, 14.5953

## Deuteranomaly

31.9878, -13.0766, 13.0130

## Tritanomaly

33.5846, -19.1689, 3.2827

# Monochromacy



## Original Color

33.7504, -26.4127, 14.8324

## Achromatopsia

24.7479, -1.3205, 1.3446

## Achromatomaly

27.2282, -13.3770, 6.3037

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 33.7504, -26.4127, 14.8324 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, 110, 51)` looks like.

```
.text, #text, p{  
    color:rgb(0, 110, 51)  
}
```

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, 110, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 110, 51) }
```

## Border

The CSS property to change the border of an element to HunterLab 33.7504, -26.4127, 14.8324 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, 110, 51) }
```



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

```
.border{ border-color:rgb(0, 110, 51) }
```

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

Here you see how a box with a 4 pixel rgb(0, 110, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 110, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 110, 51);  
box-shadow:4px 4px 4px 4px rgb(0, 110, 51)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 33.7504, -26.4127, 14.8324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 110, 51) }
```

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

```
.background{ background-color: rgb(0, 110,  
51) }
```

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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