

# Converting Colors

HunterLab(34.9534, -22.7672,  
5.0528)

Have a look what the booklet for  
HunterLab(34.9534, -22.7672,  
5.0528) contains.

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# Color

**HunterLab(35.0851,  
-22.7463, 5.2495)**

# Conversions

## Conversions Part 1

Format	Color
Hex	007059
RGB	0, 112, 89
RGB Percent	0%, 44%, 35%
CMY	1.0000, 0.5608, 0.6510
CMYK	1.00, 0.00, 0.21, 0.56
HSL	168°, 100%, 22%
HSV	168°, 100%, 44%
XYZ	7.5974, 12.3096, 11.4268
YIQ	75.8900, -59.3690, -30.8970

# Conversions

## Conversions Part 2

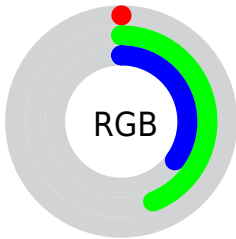
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 62, 112
Decimal	28761
CIELab	41.70, -33.34, 5.15
CIELCh	42, 33.737, 171.215
Yxy	12.3101, 0.2425, 0.3929
Android (android.graphics.Color)	4278218841 (0xFF007059)
YUV	75.8900, 6.4632, -66.5555
Hunter-Lab	35.0851, -22.7463, 5.2495

# Details

The HunterLab color **35.0851, -22.7463, 5.2495** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **18.7269, 32.3983, 9.5386**, and the grayscale version is **26.8382, -1.4320, 1.4582**.

A 20% lighter version of the original color is **54.9820, -28.2384, 7.0453**, and **19.3310, -13.2180, 4.3717** is the 20% darker color. If you saturate the color by 10%, you get **35.0857, -22.7471, 5.2504**, and if you desaturate by 10%, it is **35.2447, -21.9894, 4.5677**.

# Distribution



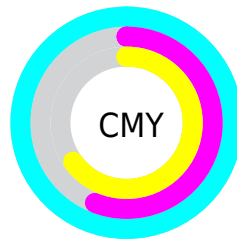
- Red (0%)
- Green (44%)
- Blue (35%)



- Red (0%)
- Yellow (24%)
- Blue (44%)



- Cyan (100%)
- Magenta (0%)
- Yellow (21%)
- Black (56%)



- Cyan (100%)
- Magenta (56%)
- Yellow (65%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.0851, -22.7463, 5.2495 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 35.0851, -22.7463, 5.2495 by changing the saturation by 10% instead.



■ 35.0851, -22.7463,  
5.2495

■ 35.0851, -22.7463,  
5.2495

143.6829,  
-44.0018, 13.3382

■ 26.3728, -19.8354,  
4.4390

■ 54.8258, -28.0331,  
6.9130

■ 18.5314, -16.6415,  
3.6339

■ 65.7428, -30.4967,  
7.7709

■ 11.6720, -14.0382,  
2.8202

■ 77.3013, -32.8765,  
8.6483

■ 4.3444, -7.6026,  
3.0410

■ 89.4676, -35.1899,  
9.5456

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 102.2126,  
-37.4501, 10.4633

0.0000, NaN, NaN

■ 115.5112,

0.0000, NaN, NaN

-39.6672, 11.4013

0.0000, NaN, NaN

129.3411,  
-41.8490, 12.3596

35.0851, -22.7463,  
5.2495

35.0851, -22.7463,  
5.2495

35.0857, -22.7471,  
5.2504

35.2447, -21.9894,  
4.5677

35.4472, -21.0580,  
3.9175

35.7281, -19.8175,  
3.3435

36.0943, -18.2494,  
2.8582

36.5509, -16.3467,  
2.4716

■ 37.1010, -14.1117,  
2.1909

■ 37.7464, -11.5549,  
2.0208

■ 38.4876, -8.6932,  
1.9638

■ 39.3241, -5.5483,  
2.0199

# Harmonies

## Analogous

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



35.0858, -18.8292, 13.4945



35.0851, -22.7463, 5.2495



35.0858, -21.7197, -7.4933

# Triad

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



35.0858, -22.7465, 5.2499



35.0858, 7.3285, -27.0763



35.0858, 14.6245, 15.5417

# Complementary

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



35.0851, -22.7463, 5.2495



18.7269, 32.3983, 9.5386

# 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.



35.0858, 23.6822, 9.2666



35.0851, -22.7463, 5.2495



35.0858, 19.0739, -15.8065

# Square

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



35.0858, -22.7465, 5.2499



35.0858, -5.4973, -29.3453



35.0858, 25.4162, -1.7947



35.0858, 1.9026, 17.9026



# Rectangle

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



35.0851, -22.7463, 5.2495



35.0858, -18.2990, -16.9168



35.0858, 25.4162, -1.7947



35.0858, 18.2694, 13.9523

# Sweetspot

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



35.0858, -22.7465, 5.2499



49.9566, -15.5990, 2.6909



34.3313, -27.9599, 20.6649



24.3440, -8.2051, 1.3488



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208



# Same Dimension

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



35.0858, -22.7465, 5.2499



46.4836, -30.2648, 7.2325



26.3571, -6.7547, -18.3614



19.5039, -2.5844, 1.0054



37.7192, -24.4837, 5.7075



84.1109, -55.1024, 13.8190



# Inverse Universe

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



18.7269, 32.3983, 9.5386



24.7882, 42.8257, 13.1100



21.1281, 23.7866, 13.4348



18.4708, 0.6297, 1.0993



20.1268, 34.8083, 10.3660



44.8053, 77.2599, 24.8474



# Previews

## White Background



This preview shows how the HunterLab color 35.0851, -22.7463, 5.2495 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 35.0851, -22.7463, 5.2495 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

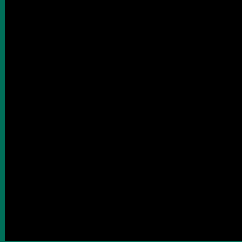
Any Text WCAG AA × Fail

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 35.0851, -22.7463, 5.2495 Background



This preview shows how black text looks on a background with the HunterLab color 35.0851, -22.7463, 5.2495.



This preview shows how white text looks on a background with the HunterLab color 35.0851,

-22.7463, 5.2495.

# 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

35.0851, -22.7463, 5.2495

### Protanopia

35.0537, -2.2767, 8.0582

### Deuteranopia

35.0567, 2.2895, 4.1273



## Tritanopia

35.1419, -14.5996, -6.9955

# Trichromacy



## Original Color

35.0851, -22.7463, 5.2495

## Protanomaly

33.9332, -13.4251, 5.6580

## Deuteranomaly

33.7375, -10.8343, 2.8052

## Tritanomaly

34.8847, -17.7935, -2.4571

# Monochromacy



## Original Color

35.0851, -22.7463, 5.2495

## Achromatopsia

26.8834, -1.4344, 1.4606

## Achromatomaly

28.9261, -11.8891, 1.6599

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 35.0851, -22.7463, 5.2495 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, 112, 89)` looks like.

```
.text, #text, p{  
    color:rgb(0, 112, 89)  
}
```

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, 112, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 112, 89) }
```

## Border

The CSS property to change the border of an element to HunterLab 35.0851, -22.7463, 5.2495 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, 112, 89) }
```



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

```
.border{ border-color:rgb(0, 112, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 112, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 112, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 112, 89);  
box-shadow:4px 4px 4px 4px rgb(0, 112, 89)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 35.0851, -22.7463, 5.2495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 112, 89) }
```

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

```
.background{ background-color: rgb(0, 112,  
89) }
```

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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