

# Converting Colors

HunterLab(30.3923, -23.3864,  
12.4968)

Have a look what the booklet for  
HunterLab(30.3923, -23.3864,  
12.4968) contains.

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# Color

**HunterLab(30.2555,  
-23.2268, 12.3233)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	006332
RGB	0, 99, 50
RGB Percent	0%, 39%, 20%
CMY	1.0000, 0.6118, 0.8039
CMYK	1.00, 0.00, 0.49, 0.61
HSL	150°, 100%, 19%
HSV	150°, 100%, 39%
XYZ	5.0376, 9.1540, 4.5190
YIQ	63.8130, -43.2750, -36.2270

# Conversions

## Conversions Part 2

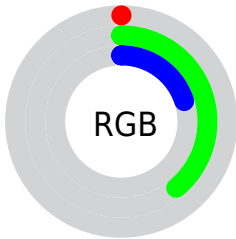
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 66, 99</a>
Decimal	<a href="#">25394</a>
CIELab	<a href="#">36.28, -37.53, 20.89</a>
CIELCh	<a href="#">36, 42.949, 150.895</a>
Yxy	<a href="#">9.1543, 0.2692, 0.4892</a>
Android (android.graphics.Color)	<a href="#">4278215474 (0xFF006332)</a>
YUV	<a href="#">63.8130, -6.8098, -55.9640</a>
Hunter-Lab	<a href="#">30.2555, -23.2268, 12.3233</a>

# Details

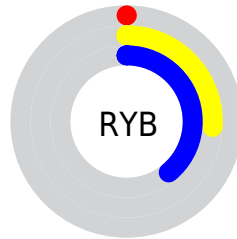
The HunterLab color **30.2555, -23.2268, 12.3233** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **16.9546, 30.3424, 0.8159**, and the grayscale version is **22.6121, -1.2065, 1.2286**.

A 20% lighter version of the original color is **49.2560, -29.3801, 16.2238**, and **15.4156, -13.0159, 8.8294** is the 20% darker color. If you saturate the color by 10%, you get **30.2561, -23.2274, 12.3238**, and if you desaturate by 10%, it is **30.4348, -22.3338, 11.3457**.

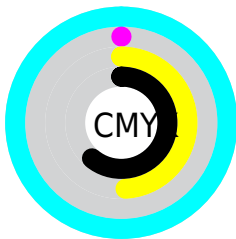
# Distribution



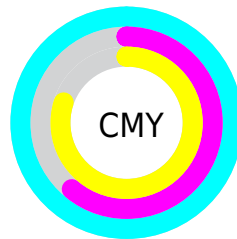
- Red (0%)
- Green (39%)
- Blue (20%)



- Red (0%)
- Yellow (26%)
- Blue (39%)



- Cyan (100%)
- Magenta (0%)
- Yellow (49%)
- Black (61%)



- Cyan (100%)
- Magenta (61%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.2555, -23.2268, 12.3233 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 30.2555, -23.2268, 12.3233 by changing the saturation by 10% instead.



■ 30.2555, -23.2268,  
12.3233

■ 30.2555, -23.2268,  
12.3233

135.8400,  
-47.0253, 27.9450

■ 22.0045, -19.8143,  
10.2453

■ 49.1856, -29.2944,  
16.1188

■ 14.6794, -15.9983,  
8.2489

■ 59.7382, -32.0784,  
17.9036

■ 8.3379, -14.5913,  
5.8365

■ 70.9533, -34.7472,  
19.6402

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 82.7937, -37.3249,  
21.3411

0.0000, NaN, NaN

■ 95.2281, -39.8294,  
23.0159

0.0000, NaN, NaN

■ 108.2293,

0.0000, NaN, NaN

-42.2744, 24.6714

0.0000, NaN, NaN

121.7736,  
-44.6702, 26.3131

30.2555, -23.2268,  
12.3233

30.2555, -23.2268,  
12.3233

30.2561, -23.2274,  
12.3238

30.4348, -22.3338,  
11.3457

30.6510, -21.2780,  
10.2983

30.9415, -19.9129,  
9.2211

31.3120, -18.2277,  
8.1278

31.7660, -16.2218,  
7.0319

■ 32.3057, -13.9035,  
5.9461

■ 32.9321, -11.2881,  
4.8822

■ 33.6448, -8.3964,  
3.8508

■ 34.4427, -5.2528,  
2.8606

# Harmonies

## Analogous

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



30.2561, -15.2597, 17.1448



30.2555, -23.2268, 12.3233



30.2561, -25.7258, 1.2078

# Triad

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



30.2561, -23.2271, 12.3235



30.2561, -1.1564, -41.6830



30.2561, 27.9141, 12.7617

# Complementary

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



30.2555, -23.2268, 12.3233



16.9546, 30.3424, 0.8159

# 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.



30.2561, 33.6792, 2.0796



30.2555, -23.2268, 12.3233



30.2561, 14.9774, -33.4436

# Square

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



30.2561, -23.2271, 12.3235



30.2561, -14.6101, -34.3134



30.2561, 28.5361, -15.3251



30.2561, 14.0252, 17.2952



# Rectangle

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



30.2555, -23.2268, 12.3233



30.2561, -24.4439, -10.0990



30.2561, 28.5361, -15.3251



30.2561, 30.9769, 10.0084

# Sweetspot

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



30.2561, -23.2271, 12.3235



43.0573, -15.0931, 6.5126



30.9670, -21.0307, 18.7134



20.8745, -7.8457, 3.3662



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255



# Same Dimension

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



30.2561, -23.2271, 12.3235



39.6016, -30.5810, 16.5170



31.3447, -16.6173, -3.3058



16.9568, -2.3950, 1.3503



34.5320, -26.5916, 14.2417



79.7029, -62.1556, 34.5544



# Inverse Universe

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



16.9546, 30.3424, 0.8159



22.1599, 39.5744, 1.7232



16.2875, 27.8918, 10.5243



16.1516, 0.6843, 0.4750



19.3362, 34.5669, 1.2300



44.4928, 79.1695, 5.6949



# Previews

## White Background



This preview shows how the HunterLab color 30.2555, -23.2268, 12.3233 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 ✓ Pass



# Black Background



This preview shows how the HunterLab color 30.2555, -23.2268, 12.3233 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 30.2555, -23.2268, 12.3233 Background



This preview shows how black text looks on a background with the HunterLab color 30.2555, -23.2268, 12.3233.



This preview shows how white text looks on a background with the HunterLab color 30.2555,

-23.2268, 12.3233.

# 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

30.2555, -23.2268, 12.3233

### Protanopia

30.1100, -3.2613, 13.6080

### Deuteranopia

30.3059, 1.6036, 11.8746



## Tritanopia

30.2991, -11.4155, -5.6219

# Trichromacy



## Original Color

30.2555, -23.2268, 12.3233

## Protanomaly

29.1174, -13.9726, 12.2213

## Deuteranomaly

28.9737, -11.4038, 10.7614

## Tritanomaly

29.9797, -16.7885, 2.3924

# Monochromacy



## Original Color

30.2555, -23.2268, 12.3233

## Achromatopsia

22.6428, -1.2082, 1.2302

## Achromatomaly

24.6879, -11.6963, 5.0709

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 30.2555, -23.2268, 12.3233 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, 99, 50)` looks like.

```
.text, #text, p{  
    color:rgb(0, 99, 50)  
}
```

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, 99, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 99, 50) }
```

## Border

The CSS property to change the border of an element to HunterLab 30.2555, -23.2268, 12.3233 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, 99, 50) }
```



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

```
.border{ border-color:rgb(0, 99, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 99, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 99, 50); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 99, 50); box-shadow:4px  
4px 4px 4px rgb(0, 99, 50) }
```

# Background

The CSS property to change the background color of an element to HunterLab 30.2555, -23.2268, 12.3233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 99, 50) }
```

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

```
.background{ background-color: rgb(0, 99,  
50) }
```

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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