

# Converting Colors

HunterLab(30.4146, -12.4376,  
12.9215)

Have a look what the booklet for  
HunterLab(30.4146, -12.4376,  
12.9215) contains.

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# Color

**HunterLab(30.2954,  
-12.3193, 12.7655)**

# Conversions

Conversions Part 1	
Format	Color
Hex	465C31
RGB	70, 92, 49
RGB Percent	27%, 36%, 19%
CMY	0.7255, 0.6392, 0.8078
CMYK	0.24, 0.00, 0.47, 0.64
HSL	91°, 30%, 28%
HSV	91°, 47%, 36%
XYZ	6.9073, 9.1781, 4.3132
YIQ	80.5200, 0.6910, -18.0370

# Conversions

## Conversions Part 2

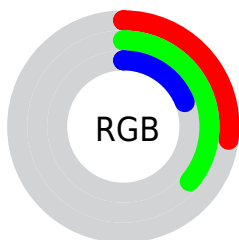
Format	Color
<a href="#">RYB</a>	<a href="#">49, 92, 71</a>
Decimal	<a href="#">4611121</a>
CIELab	<a href="#">36.33, -16.89, 22.04</a>
CIELCh	<a href="#">36, 27.763, 127.460</a>
Yxy	<a href="#">9.1785, 0.3386, 0.4499</a>
Android (android.graphics.Color)	<a href="#">4282801201</a> (0xFF465C31)
YUV	<a href="#">80.5200, -15.5394, -9.2260</a>
Hunter-Lab	<a href="#">30.2954, -12.3193, 12.7655</a>

# Details

The HunterLab color **30.2954, -12.3193, 12.7655** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **20.7586, 12.0754, -15.9179**, and the grayscale version is **28.5660, -1.5242, 1.5520**.

A 20% lighter version of the original color is **49.1044, -15.4405, 16.6258**, and **14.7215, -8.8563, 8.5693** is the 20% darker color. If you saturate the color by 10%, you get **29.9004, -14.0810, 14.2324**, and if you desaturate by 10%, it is **30.7348, -10.3730, 10.9830**.

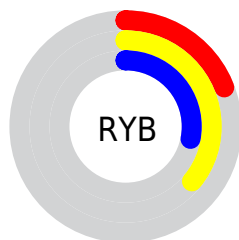
# Distribution



Red (27%)

Green (36%)

Blue (19%)



Red (19%)

Yellow (36%)

Blue (28%)

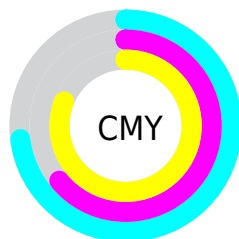


Cyan (24%)

Magenta (0%)

Yellow (47%)

Black (64%)



Cyan (73%)

Magenta (64%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.2954, -12.3193, 12.7655 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 30.2954, -12.3193, 12.7655 by changing the saturation by 10% instead.



30.2954, -12.3193,  
12.7655

30.2954, -12.3193,  
12.7655

135.9059,  
-25.7795, 28.9765

22.0404, -10.6289,  
10.5894

49.2326, -15.4804,  
16.7280

14.7108, -8.8044,  
8.5759

59.7883, -16.9959,  
18.5855

8.3684, -9.2396,  
5.8579

71.0064, -18.4860,  
20.3894

0.0000, NaN, NaN

0.0000, NaN, NaN

82.8496, -19.9590,  
22.1533

0.0000, NaN, NaN

95.2866, -21.4209,  
23.8873

0.0000, NaN, NaN


0.0000, NaN, NaN


108.2904,


-22.8761, 25.5988


0.0000, NaN, NaN


121.8371,  
-24.3281, 27.2937


 30.2954, -12.3193,  
12.7655


 30.2954, -12.3193,  
12.7655


 29.9004, -14.0810,  
14.2324


 30.7348, -10.3730,  
10.9830


 29.5474, -15.6517,  
15.3867


 31.2168, -8.2464,  
8.8852


 29.2362, -17.0308,  
16.2384


 31.7417, -5.9486,  
6.4774

 28.9654, -18.2206,  
16.8041

 32.3091, -3.4890,  
3.7680


 28.7278, -19.2595,  
17.1870


 32.9184, -0.8783,  
0.7680

 28.6547, -19.5824,  
17.3141

 33.5687, 1.8726,  
-2.5095

 34.2589, 4.7524,  
-6.0503

 34.9881, 7.7500,  
-9.8390

 35.7549, 10.8543,  
-13.8600

# Harmonies

## Analogous

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



30.2961, -4.0435, 14.6453



30.2954, -12.3193, 12.7655



30.2961, -17.2319, 7.7862

# Triad

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



30.2961, -12.3200, 12.7658



30.2961, -8.5562, -20.2173



30.2961, 19.5930, 3.9011

# Complementary

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



30.2954, -12.3193, 12.7655



20.7586, 12.0754, -15.9179

# 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.



30.2961, 17.9819, -6.1209



30.2954, -12.3193, 12.7655



30.2961, 0.8859, -22.2730

# Square

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



30.2961, -12.3200, 12.7658



30.2961, -15.2608, -11.5167



30.2961, 10.8124, -16.4698



30.2961, 14.9689, 10.7039



# Rectangle

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



30.2954, -12.3193, 12.7655



30.2961, -18.3444, 2.4384



30.2961, 10.8124, -16.4698



30.2961, 19.7720, 0.8380

# Sweetspot

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



30.2961, -12.3200, 12.7658



42.1596, -7.1413, 7.7813



26.3449, 2.6118, 9.7396



21.0554, -3.8140, 4.1544



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774



# Same Dimension

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



30.2961, -12.3200, 12.7658



39.5053, -18.8554, 19.0059



29.2052, -16.5863, 11.8065



16.2297, -2.0247, 2.1975



34.4213, -23.7540, 20.7944



80.2216, -56.9370, 48.4354



# Inverse Universe

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



20.7586, 12.0754, -15.9179



24.2988, 20.5032, -27.9097



22.9017, 17.9423, -11.7882



15.2703, 0.3843, -0.5796



14.0070, 31.9701, -52.8303

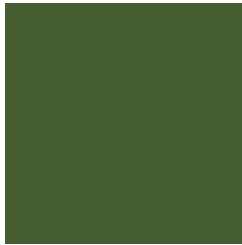


31.9577, 73.8882, -127.8730



# Previews

## White Background



This preview shows how the HunterLab color 30.2954, -12.3193, 12.7655 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

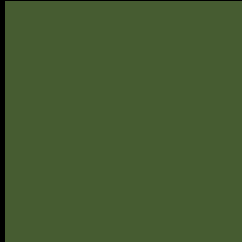
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the HunterLab color 30.2954, -12.3193, 12.7655 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

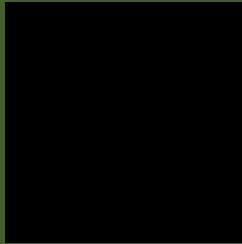
Any Text WCAG AA × Fail

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 30.2954, -12.3193, 12.7655 Background



This preview shows how black text looks on a background with the HunterLab color 30.2954, -12.3193, 12.7655.



This preview shows how white text looks on a background with the HunterLab color 30.2954,

-12.3193, 12.7655.

# 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

30.2954, -12.3193, 12.7655

### Protanopia

30.1362, -3.1165, 13.2243

### Deuteranopia

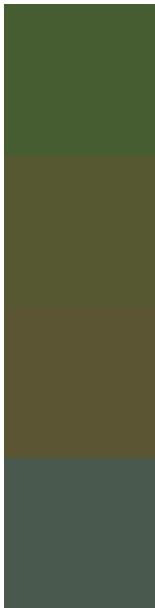
30.0272, 1.8798, 12.1207



## Tritanopia

30.2672, -3.3754, -2.1525

# Trichromacy



**Original Color**  
30.2954, -12.3193, 12.7655

**Protanomaly**  
30.2062, -6.9477, 13.0026

**Deuteranomaly**  
29.9335, -3.7213, 12.1762

**Tritanomaly**  
30.2501, -7.0790, 4.3889

# Monochromacy



**Original Color**  
30.2954, -12.3193, 12.7655

**Achromatopsia**  
28.6850, -1.5306, 1.5585

**Achromatomaly**  
29.1624, -5.8421, 6.4207

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 30.2954, -12.3193, 12.7655 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(70, 92, 49)` looks like.

```
.text, #text, p{  
    color:rgb(70, 92, 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(70, 92, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 92, 49) }
```

## Border

The CSS property to change the border of an element to HunterLab 30.2954, -12.3193, 12.7655 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(70, 92, 49) }
```



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

```
.border{ border-color:rgb(70, 92, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 92, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 92, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 92, 49);  
box-shadow:4px 4px 4px 4px rgb(70, 92, 49)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 30.2954, -12.3193, 12.7655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 92, 49) }
```

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

```
.background{ background-color: rgb(70, 92,  
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](#).

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