

# Converting Colors

HunterLab(36.6520, -12.0430,  
5.8139)

Have a look what the booklet for  
HunterLab(36.6520, -12.0430,  
5.8139) contains.

<b>HunterLab(36.5681, -12.1310, 5.9041)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(36.5681,  
-12.1310, 5.9041)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4F6D5C
RGB	79, 109, 92
RGB Percent	31%, 43%, 36%
CMY	0.6902, 0.5725, 0.6392
CMYK	0.28, 0.00, 0.16, 0.57
HSL	146°, 16%, 37%
HSV	146°, 28%, 43%
XYZ	10.6249, 13.3723, 12.1463
YIQ	98.0920, -12.4230, -11.6470

# Conversions

## Conversions Part 2

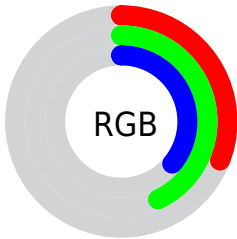
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 100, 109
Decimal	5205340
CIE Lab	43.32, -14.83, 6.00
CIE LCh	43, 15.992, 157.976
Yxy	13.3728, 0.2940, 0.3700
Android (android.graphics.Color)	4283395420 (0xFF4F6D5C)
YUV	98.0920, -3.0034, -16.7437
Hunter-Lab	36.5681, -12.1310, 5.9041

# Details

The HunterLab color  $36.5681, -12.1310, 5.9041$  is a dark color, and the websafe version is hex  $336666$ . A complement of this color would be  $31.1256, 9.8431, -1.7291$ , and the grayscale version is  $34.9977, -1.8674, 1.9015$ .

A 20% lighter version of the original color is  $56.6656, -15.1192, 7.8759$ , and  $19.6420, -9.0272, 4.1431$  is the 20% darker color. If you saturate the color by 10%, you get  $35.8321, -15.2197, 7.3068$ , and if you desaturate by 10%, it is  $37.4055, -8.7261, 4.5106$ .

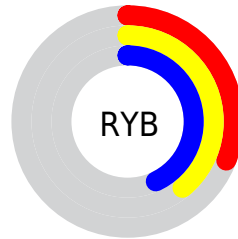
# Distribution



Red (31%)

Green (43%)

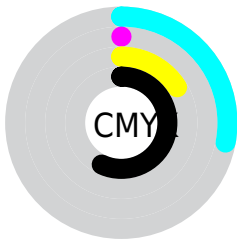
Blue (36%)



Red (31%)

Yellow (39%)

Blue (43%)

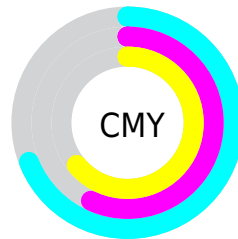


Cyan (28%)

Magenta (0%)

Yellow (16%)

Black (57%)



Cyan (69%)

Magenta (57%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.5681, -12.1310, 5.9041 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 36.5681, -12.1310, 5.9041 by changing the saturation by 10% instead.



■ 36.5681, -12.1310,  
5.9041

■ 36.5681, -12.1310,  
5.9041

146.0457,  
-24.5315, 14.3860

■ 27.7232, -10.6509,  
5.0349

■ 56.5438, -14.9662,  
7.6724

■ 19.7346, -9.0943,  
4.1649

■ 67.5669, -16.3482,  
8.5778

■ 12.7073, -7.4107,  
3.2786

■ 79.2257, -17.7180,  
9.5000

■ 6.0623, -10.6090,  
4.2436

■ 91.4873, -19.0809,  
10.4399

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.3233,  
-20.4411, 11.3983

0.0000, NaN, NaN

117.7091,

0.0000, NaN, NaN

-21.8014, 12.3753

0.0000, NaN, NaN

131.6230,  
-23.1643, 13.3712

■ 36.5681, -12.1310,  
5.9041

■ 36.5681, -12.1310,  
5.9041

■ 35.8321, -15.2197,  
7.3068

■ 37.4055, -8.7261,  
4.5106

■ 35.1959, -17.9636,  
8.7031

■ 38.3402, -5.0339,  
3.1375

■ 34.6597, -20.3426,  
10.0780

■ 39.3706, -1.0875,  
1.7960

■ 34.2212, -22.3440,  
11.4156

■ 40.4932, 3.0803,  
0.4949

■ 33.8767, -23.9655,  
12.6997

■ 41.7043, 7.4379,  
-0.7592

■ 33.6203, -25.2172,  
13.9146

■ 43.0000, 11.9556,  
-1.9615

■ 33.4290, -26.1847,  
15.0333

■ 44.3761, 16.6065,  
-3.1087

■ 33.3840, -26.4119,  
15.2887

■ 45.8282, 21.3668,  
-4.1992

■ 47.3522, 26.2155,  
-5.2326

# Harmonies

## Analogous

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



36.5689, -8.8445, 9.6883



36.5681, -12.1310, 5.9041



36.5689, -12.7828, 0.4202

# Triad

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



36.5689, -12.1316, 5.9046



36.5689, -0.3237, -10.7626



36.5689, 7.6834, 8.1703

# Complementary

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



36.5681, -12.1310, 5.9041



31.1256, 9.8431, -1.7291

# 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.



36.5689, 10.3047, 3.4942



36.5681, -12.1310, 5.9041



36.5689, 5.4896, -7.8592

# Square

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



36.5689, -12.1316, 5.9046



36.5689, -6.2171, -9.8357



36.5689, 9.4768, -2.4105



36.5689, 2.5155, 10.8405



# Rectangle

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



36.5681, -12.1310, 5.9041



36.5689, -11.6769, -3.5949



36.5689, 9.4768, -2.4105



36.5689, 8.9064, 6.8138

# Sweetspot

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



36.5689, -12.1316, 5.9046



51.2125, -7.0925, 4.3254



37.4385, -9.4619, 11.1889



24.6288, -3.7179, 2.1932



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.



36.5689, -12.1316, 5.9046



48.2881, -18.9261, 9.1002



36.9475, -9.9637, 0.4908



18.6133, -2.7162, 1.6229



36.0972, -28.6045, 16.6305



81.3794, -65.2109, 39.0546



# Inverse Universe

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



31.1256, 9.8431, -1.7291



39.4248, 16.9540, -3.2860



30.7329, 7.8247, 3.8656



17.7280, 0.8423, 0.3750



20.4980, 37.0496, -1.8413



46.0788, 82.9392, -1.4482



# Previews

## White Background



This preview shows how the HunterLab color 36.5681, -12.1310, 5.9041 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 36.5681, -12.1310, 5.9041 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

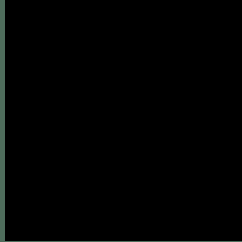
Any Text WCAG AA × Fail

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 36.5681, -12.1310, 5.9041 Background



This preview shows how black text looks on a background with the HunterLab color 36.5681, -12.1310, 5.9041.



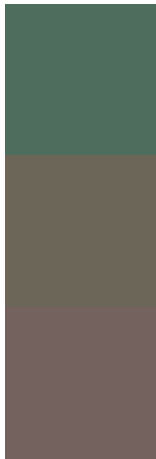
This preview shows how white text looks on a background with the HunterLab color 36.5681,

-12.1310, 5.9041.

# 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

36.5681, -12.1310, 5.9041

### Protanopia

36.5145, -2.4220, 7.4665

### Deuteranopia

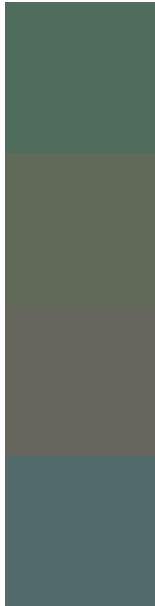
36.3158, 2.5979, 5.1341



## Tritanopia

36.5540, -6.5503, -3.4115

# Trichromacy



## Original Color

36.5681, -12.1310, 5.9041

## Protanomaly

36.5593, -6.4411, 7.0874

## Deuteranomaly

36.2186, -3.2231, 5.3086

## Tritanomaly

36.5374, -8.5455, 0.2377

# Monochromacy



## Original Color

36.5681, -12.1310, 5.9041

## Achromatopsia

34.9484, -1.8648, 1.8988

## Achromatomaly

35.4562, -5.7787, 3.2416

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 36.5681, -12.1310, 5.9041 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(79, 109, 92)` looks like.

```
.text, #text, p{  
    color:rgb(79, 109, 92)  
}
```

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(79, 109, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 109, 92) }
```

## Border

The CSS property to change the border of an element to HunterLab 36.5681, -12.1310, 5.9041 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(79, 109, 92) }
```



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

```
.border{ border-color:rgb(79, 109, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 109, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 109, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 109, 92);  
box-shadow:4px 4px 4px 4px rgb(79, 109,  
92) }
```

# Background

The CSS property to change the background color of an element to HunterLab 36.5681, -12.1310, 5.9041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 109, 92) }
```

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

```
.background{ background-color: rgb(79, 109,  
92) }
```

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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