

# Converting Colors

HunterLab(30.2440, -10.8065,  
2.5849)

Have a look what the booklet for  
HunterLab(30.2440, -10.8065,  
2.5849) contains.

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# Color

**HunterLab(30.3457,  
-10.7995, 2.5205)**

# Conversions

Conversions Part 1	
Format	Color
Hex	3B5C53
RGB	59, 92, 83
RGB Percent	23%, 36%, 33%
CMY	0.7686, 0.6392, 0.6745
CMYK	0.36, 0.00, 0.10, 0.64
HSL	164°, 22%, 30%
HSV	164°, 36%, 36%
XYZ	7.1921, 9.2086, 9.5820
YIQ	81.1070, -16.7790, -9.7950

# Conversions

## Conversions Part 2

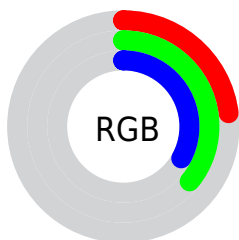
Format	Color
<a href="#">RYB</a>	<a href="#">59, 78, 92</a>
Decimal	<a href="#">3890259</a>
CIELab	<a href="#">36.38, -14.31, 1.36</a>
CIELCh	<a href="#">36, 14.370, 174.586</a>
Yxy	<a href="#">9.2090, 0.2768, 0.3544</a>
Android (android.graphics.Color)	<a href="#">4282080339</a> (0xFF3B5C53)
YUV	<a href="#">81.1070, 0.9332, -19.3878</a>
Hunter-Lab	<a href="#">30.3457, -10.7995, 2.5205</a>

# Details

The HunterLab color  $30.3457, -10.7995, 2.5205$  is a dark color, and the websafe version is hex  $336666$ . A complement of this color would be  $24.1264, 9.7261, 1.5965$ , and the grayscale version is  $28.7253, -1.5327, 1.5607$ .

A 20% lighter version of the original color is  $49.1936, -13.4378, 3.7675$ , and  $14.7631, -7.7858, 1.5963$  is the 20% darker color. If you saturate the color by 10%, you get  $29.8566, -12.7958, 2.9124$ , and if you desaturate by 10%, it is  $30.9109, -8.5590, 2.2080$ .

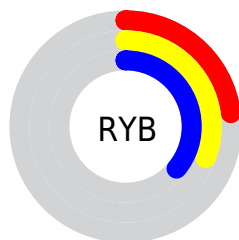
# Distribution



Red (23%)

Green (36%)

Blue (33%)



Red (23%)

Yellow (31%)

Blue (36%)

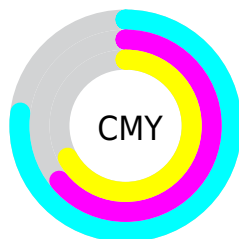


Cyan (36%)

Magenta (0%)

Yellow (10%)

Black (64%)



Cyan (77%)

Magenta (64%)


Yellow (67%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.3457, -10.7995, 2.5205 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 30.3457, -10.7995, 2.5205 by changing the saturation by 10% instead.





 30.3457, -10.7995,  
2.5205


 30.3457, -10.7995,  
2.5205


 135.9887,  
-23.0240, 8.8487


 22.0856, -9.3108,  
1.9811

 49.2916, -13.6168,  
3.7089

 14.7503, -7.7205,  
1.4799


 59.8514, -14.9813,  
4.3537

 8.4066, -7.8643,  
1.1261


 71.0731, -16.3307,  
5.0304

0.0000, NaN, NaN

0.0000, NaN, NaN

 82.9199, -17.6713,  
5.7375

0.0000, NaN, NaN

 95.3603, -19.0079,  
6.4739

0.0000, NaN, NaN

0.0000, NaN, NaN

 108.3672,

-20.3439, 7.2386

0.0000, NaN, NaN

121.9170,  
-21.6819, 8.0305

■ 30.3457, -10.7995,  
2.5205

■ 30.3457, -10.7995,  
2.5205

■ 29.8566, -12.7958,  
2.9124

■ 30.9109, -8.5590,  
2.2080

■ 29.4409, -14.5348,  
3.3783

■ 31.5500, -6.0891,  
1.9763

■ 29.0975, -16.0105,  
3.9123


■ 32.2629, -3.4087,  
1.8269


■ 28.8236, -17.2230,  
4.5067


■ 33.0479, -0.5384,  
1.7594


■ 28.6149, -18.1801,  
5.1519


■ 33.9031, 2.5006,  
1.7722


 28.4531, -18.9490,  
5.8236

 34.8260, 5.6875,  
1.8627

 28.3879, -19.2602,  
6.0948

 35.8140, 9.0023,  
2.0276

 36.8641, 12.4264,  
2.2629

 37.9736, 15.9426,  
2.5644

# Harmonies

## Analogous

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



30.3463, -9.2237, 6.5862



30.3457, -10.7995, 2.5205



30.3463, -10.0522, -2.5019

# Triad

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



30.3463, -10.7999, 2.5209



30.3463, 2.5782, -8.1408



30.3463, 4.2880, 8.3272

# Complementary

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



30.3457, -10.7995, 2.5205



24.1264, 9.7261, 1.5965

# 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.



30.3463, 7.8451, 5.2905



30.3457, -10.7995, 2.5205



30.3463, 6.8131, -4.2817

# Square

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



30.3463, -10.7999, 2.5209



30.3463, -2.5427, -9.2097



30.3463, 8.7983, 0.7563



30.3463, -0.6878, 9.5643



# Rectangle

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



30.3457, -10.7995, 2.5205



30.3463, -8.3091, -5.6727



30.3463, 8.7983, 0.7563



30.3463, 5.7021, 7.5101

# Sweetspot

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



30.3463, -10.7999, 2.5209



42.1532, -6.4852, 2.5117



30.3513, -11.7985, 10.4127



21.0677, -3.3954, 1.2664



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.



30.3463, -10.7999, 2.5209



39.5898, -16.5517, 3.7685



28.5941, -6.5144, -3.4900



16.1579, -2.1289, 0.9392



34.1348, -23.2529, 7.5307



79.7821, -55.0046, 19.0184



# Inverse Universe

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



24.1264, 9.7261, 1.5965



29.6135, 16.5799, 2.4072



25.5055, 5.4768, 6.1935



15.3530, 0.5004, 0.8050



18.4007, 32.0186, 7.9612



42.9049, 74.3570, 20.8950



# Previews

## White Background



This preview shows how the HunterLab color 30.3457, -10.7995, 2.5205 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 30.3457, -10.7995, 2.5205 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

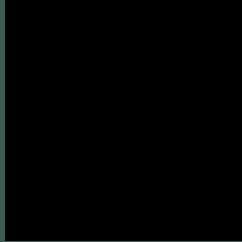
Any Text WCAG AA × Fail

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 30.3457, -10.7995, 2.5205 Background



This preview shows how black text looks on a background with the HunterLab color 30.3457, -10.7995, 2.5205.



This preview shows how white text looks on a background with the HunterLab color 30.3457, -10.7995, 2.5205.

-10.7995, 2.5205.

# 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

30.3457, -10.7995, 2.5205

### Protanopia

30.2262, -1.6110, 4.0872

### Deuteranopia

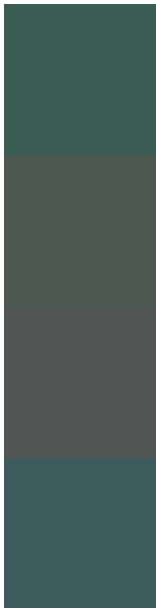
30.3679, 1.8092, 1.9647



## Tritanopia

30.3307, -7.1722, -3.5431

# Trichromacy



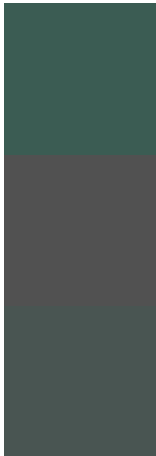
**Original Color**  
30.3457, -10.7995, 2.5205

**Protanomaly**  
30.2265, -5.6634, 3.6395

**Deuteranomaly**  
30.0749, -3.2423, 1.9400

**Tritanomaly**  
30.4088, -8.6192, -1.1549

# Monochromacy



**Original Color**  
30.3457, -10.7995, 2.5205

**Achromatopsia**  
28.6850, -1.5306, 1.5585

**Achromatomaly**  
29.1936, -5.1141, 1.6873

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 30.3457, -10.7995, 2.5205 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(59, 92, 83) looks like.

```
.text, #text, p{  
    color:rgb(59, 92, 83)  
}
```

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(59, 92, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 92, 83) }
```

## Border

The CSS property to change the border of an element to HunterLab 30.3457, -10.7995, 2.5205 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(59, 92, 83) }
```



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

```
.border{ border-color:rgb(59, 92, 83) }
```

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

Here you see how a box with a 4 pixel rgb(59, 92, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 92, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 92, 83);  
box-shadow:4px 4px 4px 4px rgb(59, 92, 83)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 30.3457, -10.7995, 2.5205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 92, 83) }
```

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

```
.background{ background-color: rgb(59, 92,  
83) }
```

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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