

# Converting Colors

HunterLab(30.7437, 3.2825,  
-37.0114)

Have a look what the booklet for  
HunterLab(30.7437, 3.2825,  
-37.0114) contains.

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# Color

**HunterLab(30.8055, 3.0358,  
-36.4989)**

# Conversions

## Conversions Part 1

Format	Color
Hex	295796
RGB	41, 87, 150
RGB Percent	16%, 34%, 59%
CMY	0.8392, 0.6588, 0.4118
CMYK	0.73, 0.42, 0.00, 0.41
HSL	215°, 57%, 37%
HSV	215°, 73%, 59%
XYZ	9.8276, 9.4898, 30.1679
YIQ	80.4280, -47.6390, 9.8410

# Conversions

## Conversions Part 2

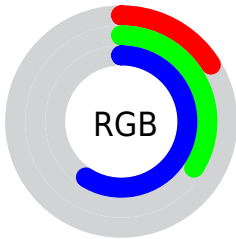
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	41, 73, 150
Decimal	2709398
CIE Lab	36.91, 6.62, -39.16
CIE LCh	37, 39.713, 279.590
Yxy	9.4901, 0.1986, 0.1918
Android (android.graphics.Color)	4280899478 (0xFF295796)
YUV	80.4280, 34.2990, -34.5784
Hunter-Lab	30.8055, 3.0358, -36.4989

# Details

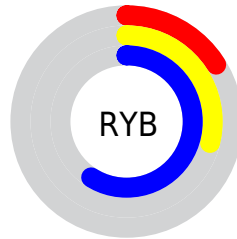
The HunterLab color **30.8055, 3.0358, -36.4989** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **40.6769, 7.4924, 22.1374**, and the grayscale version is **28.3710, -1.5138, 1.5415**.

A 20% lighter version of the original color is **49.7247, 3.0101, -38.1754**, and **16.2130, 5.9336, -33.0738** is the 20% darker color. If you saturate the color by 10%, you get **28.1382, 5.8160, -43.3585**, and if you desaturate by 10%, it is **33.6880, 0.8635, -30.0094**.

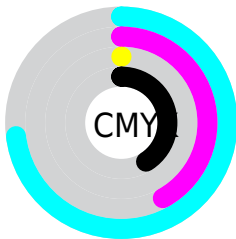
# Distribution



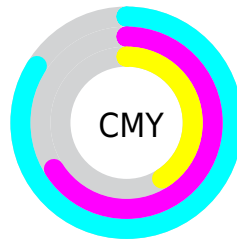
- Red (16%)
- Green (34%)
- Blue (59%)



- Red (16%)
- Yellow (29%)
- Blue (59%)



- Cyan (73%)
- Magenta (42%)
- Yellow (0%)
- Black (41%)



- Cyan (84%)
- Magenta (66%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.8055, 3.0358, -36.4989 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 30.8055, 3.0358, -36.4989 by changing the saturation by 10% instead.



■ 30.8055, 3.0358,  
-36.4989

■ 30.8055, 3.0358,  
-36.4989

■ 136.7454, 0.2521,  
-41.6878

■ 22.4993, 3.0427,  
-36.1981

■ 49.8316, 2.7910,  
-37.6867

■ 15.1123, 2.9500,  
-36.5193

■ 60.4273, 2.5723,  
-38.3519

■ 8.7471, 2.8465,  
-38.7779

■ 71.6829, 2.2988,  
-39.0056

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 83.5617, 1.9754,  
-39.6291

0.0000, NaN, NaN

■ 96.0326, 1.6060,  
-40.2129

0.0000, NaN, NaN

■ 109.0688, 1.1939,

0.0000, NaN, NaN

-40.7519

0.0000, NaN, NaN

122.6466, 0.7419,  
-41.2438

■ 30.8055, 3.0358,  
-36.4989

■ 30.8055, 3.0358,  
-36.4989

■ 28.1382, 5.8160,  
-43.3585

■ 33.6880, 0.8635,  
-30.0094

■ 25.7122, 9.2373,  
-50.5301

■ 36.7577, -0.7653,  
-23.9053

■ 24.0628, 12.0357,  
-56.0581

■ 39.9919, -1.9199,  
-18.1687

■ 43.3706, -2.6675,  
-12.7674

■ 46.8770, -3.0680,  
-7.6633

■ 50.4970, -3.1725,  
-2.8183

■ 54.2190, -3.0241,  
1.8035

■ 58.0332, -2.6588,  
6.2340

■ 61.9314, -2.1062,  
10.5012

# Harmonies

## Analogous

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



30.8060, -10.6004, -33.9471



30.8055, 3.0358, -36.4989



30.8060, 17.7567, -25.8035

# Triad

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



30.8060, 3.0363, -36.4981



30.8060, 22.3446, 14.0614



30.8060, -23.2853, 9.4289

# Complementary

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



30.8055, 3.0358, -36.4989



40.6769, 7.4924, 22.1374

# 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.



30.8060, -17.1857, 15.7282



30.8055, 3.0358, -36.4989



30.8060, 8.4661, 17.4380

# Square

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



30.8060, 3.0363, -36.4981



30.8060, 30.1627, 5.6975



30.8060, -6.0632, 17.8665



30.8060, -24.2089, -2.9714



# Rectangle

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



30.8055, 3.0358, -36.4989



30.8060, 25.6143, -14.5798



30.8060, -6.0632, 17.8665



30.8060, -21.8329, 12.1395

# Sweetspot

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



30.8060, 3.0363, -36.4981



62.3819, -4.0830, -10.0294



48.2276, -31.6275, 13.4630



28.8328, -1.8810, -5.4718



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765



# Same Dimension

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



30.8060, 3.0363, -36.4981



35.3890, 10.3749, -63.3242



21.0319, 27.1028, -67.9078



24.5178, -1.4905, -0.5638



22.0529, 10.6544, -50.5641



3.4028, -0.5728, -3.0167



# Inverse Universe

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



29.5948, 39.2313, 0.8584



36.0518, 59.0843, 4.9131



52.7152, -15.7642, 29.8467



24.1942, 1.1618, 0.8603



23.8418, 42.1157, 5.4380



2.7432, 5.0417, -0.8928



# Previews

## White Background



This preview shows how the HunterLab color 30.8055, 3.0358, -36.4989 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 30.8055, 3.0358, -36.4989 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

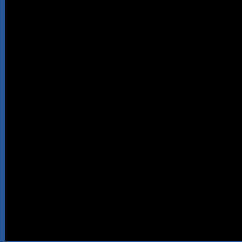
Any Text WCAG AA × Fail

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 30.8055, 3.0358, -36.4989 Background



This preview shows how black text looks on a background with the HunterLab color 30.8055, 3.0358, -36.4989.



This preview shows how white text looks on a background with the HunterLab color 30.8055, 3.0358, -36.4989.



# 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

30.8055, 3.0358, -36.4989

### Protanopia

30.6734, 6.3732, -35.1429

### Deuteranopia

30.9136, 2.0392, -36.2556

# Trichromacy



## Original Color

30.8055, 3.0358, -36.4989

## Protanomaly

30.6545, 5.1053, -36.0162

## Deuteranomaly

30.9734, 2.2398, -36.1084

# Monochromacy



## Original Color

30.8055, 3.0358, -36.4989

## Achromatopsia

28.3231, -1.5113, 1.5388

## Achromatomaly

28.9218, -1.9185, -9.6097

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 30.8055, 3.0358, -36.4989 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(41, 87, 150)` looks like.

```
.text, #text, p{  
    color:rgb(41, 87, 150)  
}
```

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(41, 87, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 87, 150) }
```

## Border

The CSS property to change the border of an element to HunterLab 30.8055, 3.0358, -36.4989 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(41, 87, 150) }
```

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

```
.border{ border-color:rgb(41, 87, 150) }
```

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

Here you see how a box with a 4 pixel rgb(41, 87, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 87, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 87, 150);  
box-shadow:4px 4px 4px 4px rgb(41, 87,  
150) }
```



# Background

The CSS property to change the background color of an element to HunterLab 30.8055, 3.0358, -36.4989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 87, 150) }
```

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

```
.background{ background-color: rgb(41, 87,  
150) }
```

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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