

Converting Colors

HunterLab(30.6668, 10.9324,
-30.7860)

Have a look what the booklet for
HunterLab(30.6668, 10.9324,
-30.7860) contains.

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Color

**HunterLab(30.7017, 11.0100,
-31.0733)**

Conversions

Conversions Part 1

Format	Color
Hex	50508F
RGB	80, 80, 143
RGB Percent	31%, 31%, 56%
CMY	0.6863, 0.6863, 0.4392
CMYK	0.44, 0.44, 0.00, 0.44
HSL	240°, 28%, 44%
HSV	240°, 44%, 56%
XYZ	11.1348, 9.4259, 27.2191
YIQ	87.1820, -20.2230, 19.5930

Conversions

Conversions Part 2

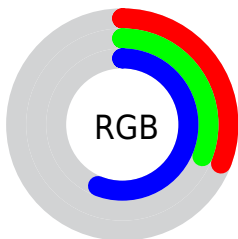
Format	Color
R_{YB}	80, 80, 143
Decimal	5263503
CIE _{Lab}	36.79, 17.10, -34.97
CIE _{LCh}	37, 38.927, 296.063
Yxy	9.4263, 0.2330, 0.1973
Android (android.graphics.Color)	4283453583 (0xFF50508F)
YUV	87.1820, 27.5183, -6.2986
Hunter-Lab	30.7017, 11.0100, -31.0733

Details

The HunterLab color $[30.7017, 11.0100, -31.0733]$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $[51.0527, -10.3307, 22.4633]$, and the grayscale version is $[30.8468, -1.6459, 1.6760]$.

A 20% lighter version of the original color is $[49.6359, 11.8309, -32.3048]$, and $[15.1041, 9.5126, -30.2722]$ is the 20% darker color. If you saturate the color by 10%, you get $[26.4438, 15.2548, -41.7036]$, and if you desaturate by 10%, it is $[35.2675, 7.2911, -21.8283]$.

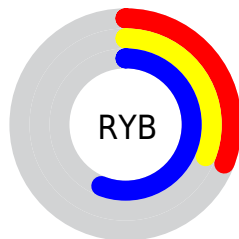
Distribution



Red (31%)

Green (31%)

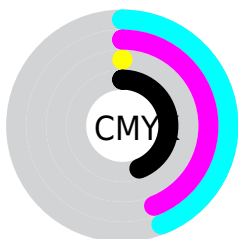
Blue (56%)



Red (31%)

Yellow (31%)

Blue (56%)

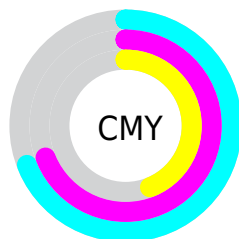


Cyan (44%)

Magenta (44%)

Yellow (0%)

Black (44%)



Cyan (69%)

Magenta (69%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.7017, 11.0100, -31.0733 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 30.7017, 11.0100, -31.0733 by changing the saturation by 10% instead.

■ 30.7017, 11.0100, -31.0733 ■ 30.7017, 11.0100, -31.0733

136.5748, 12.5633, -35.7240 ■ 22.4059, 10.3884, -30.6348

■ 49.7098, 11.9019, -32.2861 ■ 15.0305, 9.6191, -30.6167

■ 60.2974, 12.2039, -32.9053 ■ 8.6716, 8.8449, -32.0470

■ 71.5454, 12.4253, -33.4931 0.0000, INF, -NF

■ 83.4170, 12.5742, -34.0382 0.0000, NaN, -NF

■ 95.8810, 12.6574, -34.5352 0.0000, NaN, NaN

108.9106, 12.6804, 0.0000, NaN, NaN

-34.9820

0.0000, NaN, NaN

122.4822, 12.6477,
-35.3781

■ 30.7017, 11.0100,
-31.0733

■ 30.7017, 11.0100,
-31.0733

■ 26.4438, 15.2548,
-41.7036

■ 35.2675, 7.2911,
-21.8283

■ 22.5840, 20.1126,
-53.9550

■ 40.0770, 3.9876,
-13.6798

■ 19.2558, 25.5312,
-67.7028

■ 45.0870, 1.0026,
-6.3730

■ 16.6372, 31.0669,
-81.8135

■ 50.2665, -1.7398,
0.2919

■ 14.9084, 35.6518,
-93.5375

■ 55.5928, -4.2973,
6.4657

■ 14.0826, 38.1990,
-100.0619

■ 61.0484, -6.7131,
12.2619

■ 66.6199, -9.0196,
17.7654

■ 72.2967, -11.2413,
23.0406

■ 78.0701, -13.3968,
28.1364

Harmonies

Analogous

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



30.7022, -3.4538, -36.0619



30.7017, 11.0100, -31.0733



30.7022, 23.8352, -16.1851

Triad

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



30.7022, 11.0100, -31.0724



30.7022, 14.7549, 16.1685



30.7022, -24.0164, 3.3664

Complementary

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



30.7017, 11.0100, -31.0733



51.0527, -10.3307, 22.4633

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.



30.7022, -20.8195, 12.7482



30.7017, 11.0100, -31.0733



30.7022, 0.2172, 17.7560

Square

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



30.7022, 11.0100, -31.0724



30.7022, 26.2533, 10.8761



30.7022, -12.5242, 16.8627



30.7022, -22.1525, -11.7323

Rectangle

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



30.7017, 11.0100, -31.0733



30.7022, 28.8515, -5.1062



30.7022, -12.5242, 16.8627



30.7022, -23.5158, 7.1868

Sweetspot

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



30.7022, 11.0100, -31.0724



60.8696, 1.0448, -7.8045



48.3050, -17.6906, -2.4407



28.4892, 0.8705, -4.6403



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



30.7022, 11.0100, -31.0724



35.3520, 20.4541, -55.9085



33.3658, 18.8899, -25.2871



22.9238, -0.1740, -1.4703



13.2420, 35.9189, -94.0892



1.2948, 3.5121, -9.1997

Inverse Universe

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



36.8243, 28.4050, -18.6515



45.7225, 47.3059, -31.3439



48.6172, -19.3989, 20.3623



23.4756, 1.6978, -0.7309



26.2997, 51.7060, -34.6861



2.5716, 5.0558, -3.3917

Previews

White Background



This preview shows how the HunterLab color 30.7017, 11.0100, -31.0733 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 30.7017, 11.0100, -31.0733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

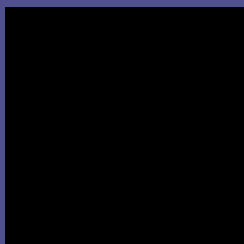
Any Text WCAG AA × Fail

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 30.7017, 11.0100, -31.0733 Background



This preview shows how black text looks on a background with the HunterLab color 30.7017, 11.0100, -31.0733.



This preview shows how white text looks on a background with the HunterLab color 30.7017, 11.0100, -31.0733.

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

30.7017, 11.0100, -31.0733

Protanopia

30.6723, 6.2668, -34.3487

Deuteranopia

30.7726, 2.0199, -29.5545



Tritanopia

30.6665, -5.9500, -3.0727

Trichromacy



Original Color

30.7017, 11.0100, -31.0733

Protanomaly

30.7492, 7.7008, -33.3529

Deuteranomaly

30.5250, 5.2883, -30.8048

Tritanomaly

30.4109, -0.1721, -12.3013

Monochromacy



Original Color

30.7017, 11.0100, -31.0733

Achromatopsia

30.8719, -1.6472, 1.6773

Achromatomaly

30.4746, 2.1990, -8.2457

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.7017, 11.0100, -31.0733 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(80, 80, 143)` looks like.

```
.text, #text, p{  
    color:rgb(80, 80, 143)  
}
```

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(80, 80, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 80, 143) }
```

Border

The CSS property to change the border of an element to HunterLab 30.7017, 11.0100, -31.0733 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(80, 80, 143) }
```


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

```
.border{ border-color:rgb(80, 80, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 80, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 80, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 80, 143);  
box-shadow:4px 4px 4px 4px rgb(80, 80,  
143) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.7017, 11.0100, -31.0733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 80, 143) }
```

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

```
.background{ background-color: rgb(80, 80,  
143) }
```

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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