

Converting Colors

HunterLab(31.1080, 11.5940,
-35.2785)

Have a look what the booklet for
HunterLab(31.1080, 11.5940,
-35.2785) contains.

HunterLab(31.0880, 11.6723, -35.6690)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(31.0880, 11.6723,
-35.6690)**

Conversions

Conversions Part 1

Format	Color
Hex	4D5196
RGB	77, 81, 150
RGB Percent	30%, 32%, 59%
CMY	0.6980, 0.6823, 0.4118
CMYK	0.49, 0.46, 0.00, 0.41
HSL	237°, 32%, 45%
HSV	237°, 49%, 59%
XYZ	11.5080, 9.6646, 30.1130
YIQ	87.6700, -24.5330, 20.6110

Conversions

Conversions Part 2

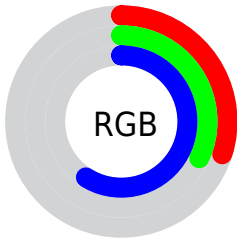
Format	Color
R _Y B	77, 81, 150
Decimal	5067158
CIE Lab	37.23, 17.90, -38.52
CIE LCh	37, 42.479, 294.925
Yxy	9.6650, 0.2244, 0.1884
Android (android.graphics.Color)	4283257238 (0xFF4D5196)
YUV	87.6700, 30.7287, -9.3576
Hunter-Lab	31.0880, 11.6723, -35.6690

Details

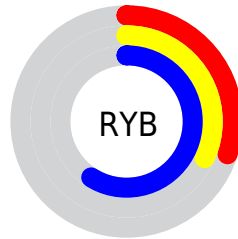
The HunterLab color **31.0880, 11.6723, -35.6690** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **52.5152, -9.6568, 24.2629**, and the grayscale version is **31.0156, -1.6549, 1.6851**.

A 20% lighter version of the original color is **50.1187, 12.7562, -37.2205**, and **15.4383, 10.2472, -35.6416** is the 20% darker color. If you saturate the color by 10%, you get **26.8691, 16.0140, -46.8335**, and if you desaturate by 10%, it is **35.6291, 7.9258, -25.9229**.

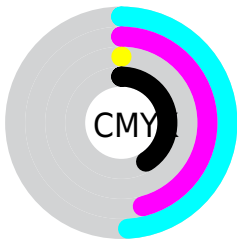
Distribution



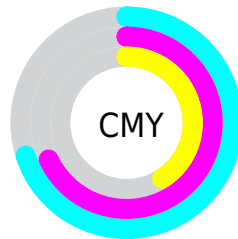
- Red (30%)
- Green (32%)
- Blue (59%)



- Red (30%)
- Yellow (32%)
- Blue (59%)



- Cyan (49%)
- Magenta (46%)
- Yellow (0%)
- Black (41%)



- Cyan (70%)
- Magenta (68%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.0880, 11.6723, -35.6690 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 31.0880, 11.6723, -35.6690 by changing the saturation by 10% instead.

31.0880, 11.6723, -35.6690	31.0880, 11.6723, -35.6690
137.2093, 13.5137, -40.7848	22.7539, 11.0127, -35.3313
50.1631, 12.6366, -36.8714	15.3353, 10.2046, -35.5635
60.7808, 12.9729, -37.5311	8.9492, 9.2891, -37.4904
72.0571, 13.2271, -38.1751	0.0000, INF, -NF
83.9555, 13.4077, -38.7864	0.0000, NaN, -NF
96.4451, 13.5216, -39.3564	0.0000, NaN, NaN
109.4991, 13.5742,	0.0000, NaN, NaN

-39.8805

0.0000, NaN, NaN

123.0940, 13.5703,
-40.3568

■ 31.0880, 11.6723,
-35.6690

■ 31.0880, 11.6723,
-35.6690

■ 26.8691, 16.0140,
-46.8335

■ 35.6291, 7.9258,
-25.9229

■ 23.0658, 21.0373,
-59.5879

■ 40.4251, 4.6555,
-17.3283

■ 19.8124, 26.6730,
-73.6731

■ 45.4305, 1.7551,
-9.6321

■ 17.2812, 32.4442,
-87.7799

■ 50.6123, -0.8603,
-2.6295

■ 15.6025, 37.2181,
-99.3815

■ 55.9462, -3.2558,
3.8379

■ 15.4284, 37.7231,
-100.7174

■ 61.4139, -5.4805,
9.8906

■ 67.0011, -7.5714,
15.6197

■ 72.6965, -9.5568,
21.0949

■ 78.4910, -11.4583,
26.3694

Harmonies

Analogous

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



31.0885, -4.2097, -40.8261



31.0880, 11.6723, -35.6690



31.0885, 26.1284, -18.9572

Triad

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



31.0885, 11.6725, -35.6681



31.0885, 17.0272, 16.9502



31.0885, -25.7889, 4.0579

Complementary

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



31.0880, 11.6723, -35.6690



52.5152, -9.6568, 24.2629

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.



31.0885, -22.1851, 13.8241



31.0880, 11.6723, -35.6690



31.0885, 0.9737, 18.6192

Square

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



31.0885, 11.6725, -35.6681



31.0885, 29.6137, 11.2940



31.0885, -13.0672, 17.8402



31.0885, -24.0150, -12.4904

Rectangle

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



31.0880, 11.6723, -35.6690



31.0885, 31.9817, -6.4628



31.0885, -13.0672, 17.8402



31.0885, -25.1906, 8.1024

Sweetspot

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



31.0885, 11.6725, -35.6681



62.6467, 1.1235, -9.5705



50.4373, -20.7104, -0.8369



28.8811, 0.8471, -5.3553



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.



31.0885, 11.6725, -35.6681



35.4387, 21.5718, -62.9778



32.7695, 21.2071, -31.6426



23.8347, -0.3449, -1.4130



14.1068, 34.1216, -91.2910



1.8569, 2.7053, -8.1609

Inverse Universe

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



35.1943, 23.1965, 8.9780



42.5252, 38.5430, 14.1416



51.2114, -20.7196, 23.0640



24.1252, 0.7902, 1.8448



23.2255, 39.8456, 14.4562



2.5893, 4.4815, 1.3067

Previews

White Background



This preview shows how the HunterLab color 31.0880, 11.6723, -35.6690 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 31.0880, 11.6723, -35.6690 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 31.0880, 11.6723, -35.6690 Background



This preview shows how black text looks on a background with the HunterLab color 31.0880, 11.6723, -35.6690.



This preview shows how white text looks on a background with the HunterLab color 31.0880, 11.6723, -35.6690.

-35.6690.

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

31.0880, 11.6723, -35.6690

Protanopia

31.0980, 7.0653, -39.0008

Deuteranopia

31.0693, 2.3553, -34.2791



Tritanopia

30.9815, -7.4687, -4.1131

Trichromacy



Original Color

31.0880, 11.6723, -35.6690

Protanomaly

31.1938, 8.5531, -37.9101

Deuteranomaly

30.8345, 5.6903, -35.5740

Tritanomaly

30.7908, -1.2775, -14.0527

Monochromacy



Original Color

31.0880, 11.6723, -35.6690

Achromatopsia

31.2390, -1.6668, 1.6973

Achromatomaly

30.8699, 2.4936, -9.8188

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.0880, 11.6723, -35.6690 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(77, 81, 150)` looks like.

```
.text, #text, p{  
    color:rgb(77, 81, 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(77, 81, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 81, 150) }
```

Border

The CSS property to change the border of an element to HunterLab 31.0880, 11.6723, -35.6690 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(77, 81, 150) }
```


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

```
.border{ border-color:rgb(77, 81, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 81, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 81, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 81, 150);  
box-shadow:4px 4px 4px 4px rgb(77, 81,  
150) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.0880, 11.6723, -35.6690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 81, 150) }
```

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

```
.background{ background-color: rgb(77, 81,  
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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