

Converting Colors

HunterLab(31.1773, 15.9455,
-11.2487)

Have a look what the booklet for
HunterLab(31.1773, 15.9455,
-11.2487) contains.

HunterLab(31.1684, 15.8548, -11.3704)	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(31.1684, 15.8548,
-11.3704)**

Conversions

Conversions Part 1

Format	Color
Hex	704B73
RGB	112, 75, 115
RGB Percent	44%, 29%, 45%
CMY	0.5608, 0.7059, 0.5490
CMYK	0.03, 0.35, 0.00, 0.55
HSL	296°, 21%, 37%
HSV	296°, 35%, 45%
XYZ	12.2927, 9.7147, 17.4469
YIQ	90.6230, 9.2120, 20.2840

Conversions

Conversions Part 2

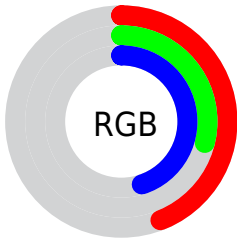
Format	Color
R_{YB}	112, 75, 115
Decimal	7359347
CIE _{Lab}	37.33, 23.00, -16.69
CIE _{LCh}	37, 28.419, 324.040
Yxy	9.7151, 0.3116, 0.2462
Android (android.graphics.Color)	4285549427 (0xFF704B73)
YUV	90.6230, 12.0179, 18.7476
Hunter-Lab	31.1684, 15.8548, -11.3704

Details

The HunterLab color $[31.1684, 15.8548, -11.3704]$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $[37.9334, -16.7723, 12.6757]$, and the grayscale version is $[32.1604, -1.7160, 1.7473]$.

A 20% lighter version of the original color is $[50.0977, 17.4119, -12.0925]$, and $[15.4614, 13.6646, -10.5965]$ is the 20% darker color. If you saturate the color by 10%, you get $[28.7006, 21.1287, -15.4520]$, and if you desaturate by 10%, it is $[33.8756, 10.5622, -7.3294]$.

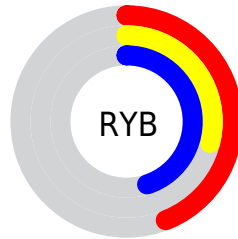
Distribution



Red (44%)

Green (29%)

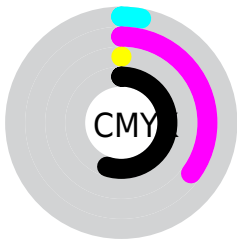
Blue (45%)



Red (44%)

Yellow (29%)

Blue (45%)

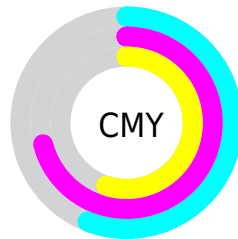


Cyan (3%)

Magenta (35%)

Yellow (0%)

Black (55%)



Cyan (56%)

Magenta (71%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.1684, 15.8548, -11.3704 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 31.1684, 15.8548, -11.3704 by changing the saturation by 10% instead.

31.1684, 15.8548,
-11.3704

31.1684, 15.8548,
-11.3704

137.3414, 19.6744,
-11.7279

22.8265, 14.9268,
-11.0046

50.2576, 17.3210,
-11.8835

15.3990, 13.8459,
-10.5831

60.8815, 17.8929,
-12.0353

9.0059, 12.6609,
-10.2081

72.1636, 18.3732,
-12.1225

0.0000, INF, -NF

84.0676, 18.7712,
-12.1494

0.0000, NaN, NaN

96.5625, 19.0945,
-12.1200

0.0000, NaN, NaN

109.6216, 19.3494,

0.0000, NaN, NaN

-12.0379

0.0000, NaN, NaN

123.2214, 19.5412,
-11.9063

■ 31.1684, 15.8548,
-11.3704

■ 31.1684, 15.8548,
-11.3704

■ 28.7006, 21.1287,
-15.4520

■ 33.8756, 10.5622,
-7.3294

■ 26.5080, 26.2515,
-19.4849

■ 36.7869, 5.3321,
-3.3805

■ 24.6312, 31.0167,
-23.3221

■ 39.8744, 0.2026,
0.4564

■ 23.1073, 35.1538,
-26.7637

■ 43.1146, -4.8122,
4.1778

■ 21.9616, 38.3701,
-29.5845

■ 46.4882, -9.7124,
7.7895

■ 21.1734, 40.5244,
-31.6625

■ 49.9793, -14.5057,
11.3017

■ 20.7968, 41.5669,
-32.6988

■ 53.5747, -19.2029,
14.7262

■ 57.2636, -23.8163,
18.0749

■ 61.0371, -28.3575,
21.3588

Harmonies

Analogous

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



31.1691, 6.7349, -20.6071



31.1684, 15.8548, -11.3704



31.1691, 20.3414, -0.3038

Triad

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



31.1691, 15.8539, -11.3696



31.1691, 0.3983, 15.1341



31.1691, -17.6317, -6.9018

Complementary

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



31.1684, 15.8548, -11.3704



37.9334, -16.7723, 12.6757

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.



31.1691, -18.8729, 3.5726



31.1684, 15.8548, -11.3704



31.1691, -9.2596, 14.3795

Square

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



31.1691, 15.8539, -11.3696



31.1691, 10.7101, 13.3361



31.1691, -16.0056, 10.7852



31.1691, -12.3670, -17.5003

Rectangle

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



31.1684, 15.8548, -11.3704



31.1691, 19.7379, 5.8923



31.1691, -16.0056, 10.7852



31.1691, -18.5025, -3.1779

Sweetspot

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



31.1691, 15.8539, -11.3696



51.0662, 4.0159, -2.1848



28.6887, 4.2041, -15.7696



24.7185, 2.3361, -1.3476



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



31.1691, 15.8539, -11.3696



38.9356, 27.0984, -19.7618



30.9282, 14.0188, -3.0076



19.3511, 1.1958, -0.5871



22.2270, 44.4308, -34.9877



48.8990, 97.8428, -77.7177

Inverse Universe

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



30.3768, 11.2543, 4.8460



37.6274, 19.6451, 7.5753



38.1110, -15.4080, 7.5800



19.2481, 0.5731, 1.4120



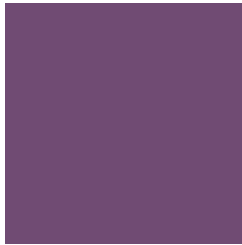
20.4620, 35.1402, 12.4600



45.1128, 77.3594, 28.3580

Previews

White Background



This preview shows how the HunterLab color 31.1684, 15.8548, -11.3704 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 31.1684, 15.8548, -11.3704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

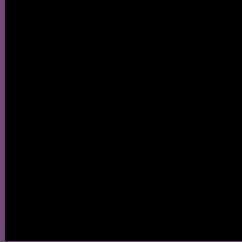
Any Text WCAG AA × Fail

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 31.1684, 15.8548, -11.3704 Background



This preview shows how black text looks on a background with the HunterLab color 31.1684, 15.8548, -11.3704.



This preview shows how white text looks on a background with the HunterLab color 31.1684, 15.8548, -11.3704.

-11.3704.

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

31.1684, 15.8548, -11.3704

Protanopia

31.3838, 2.5627, -16.6412

Deuteranopia

31.4539, 1.9608, -10.0326



Tritanopia

31.2428, 7.2979, 2.2680

Trichromacy



Original Color

31.1684, 15.8548, -11.3704

Protanomaly

31.2100, 6.9275, -15.0114

Deuteranomaly

31.2748, 6.6053, -10.7930

Tritanomaly

31.1548, 9.9945, -2.1499

Monochromacy



Original Color

31.1684, 15.8548, -11.3704

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

31.7329, 4.6240, -2.8921

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.1684, 15.8548, -11.3704 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(112, 75, 115)` looks like.

```
.text, #text, p{  
    color:rgb(112, 75, 115)  
}
```

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(112, 75, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 75, 115) }
```

Border

The CSS property to change the border of an element to HunterLab 31.1684, 15.8548, -11.3704 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(112, 75, 115) }
```


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

```
.border{ border-color:rgb(112, 75, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 75, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 75, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 75, 115);  
box-shadow:4px 4px 4px 4px rgb(112, 75,  
115) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.1684, 15.8548, -11.3704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 75, 115) }
```

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

```
.background{ background-color: rgb(112, 75,  
115) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor