

Converting Colors

HunterLab(31.3601, 18.5255,
-11.6911)

Have a look what the booklet for
HunterLab(31.3601, 18.5255,
-11.6911) contains.

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Color

**HunterLab(31.3176, 18.5547,
-11.6584)**

Conversions

Conversions Part 1

Format	Color
Hex	754974
RGB	117, 73, 116
RGB Percent	46%, 29%, 45%
CMY	0.5412, 0.7137, 0.5451
CMYK	0.00, 0.38, 0.01, 0.54
HSL	301°, 23%, 37%
HSV	301°, 38%, 46%
XYZ	12.8710, 9.8079, 17.7377
YIQ	91.0580, 12.4210, 22.7010

Conversions

Conversions Part 2

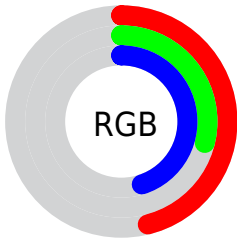
Format	Color
R_{YB}	117, 73, 116
Decimal	7686516
CIE Lab	37.50, 26.18, -17.00
CIE LCh	37, 31.209, 327.004
Yxy	9.8084, 0.3185, 0.2427
Android (android.graphics.Color)	4285876596 (0xFF754974)
YUV	91.0580, 12.2964, 22.7511
Hunter-Lab	31.3176, 18.5547, -11.6584

Details

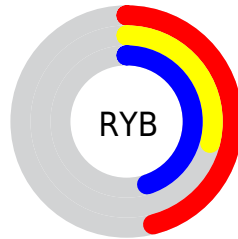
The HunterLab color $[31.3176, 18.5547, -11.6584]$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $[38.2541, -18.6715, 13.2032]$, and the grayscale version is $[32.3193, -1.7245, 1.7560]$.

A 20% lighter version of the original color is $[50.5362, 20.0979, -11.9707]$, and $[15.4742, 16.1783, -11.1357]$ is the 20% darker color. If you saturate the color by 10%, you get $[28.9942, 24.1104, -15.3341]$, and if you desaturate by 10%, it is $[33.9108, 12.9244, -7.9093]$.

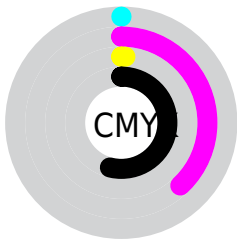
Distribution



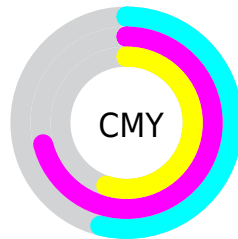
- Red (46%)
- Green (29%)
- Blue (45%)



- Red (46%)
- Yellow (29%)
- Blue (45%)



- Cyan (0%)
- Magenta (38%)
- Yellow (1%)
- Black (54%)



- Cyan (54%)
- Magenta (71%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.3176, 18.5547, -11.6584 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 31.3176, 18.5547, -11.6584 by changing the saturation by 10% instead.

31.3176, 18.5547,
-11.6584

31.3176, 18.5547,
-11.6584

137.5859, 23.5585,
-12.1017

22.9610, 17.4736,
-11.2844

50.4325, 20.3161,
-12.1904

15.5170, 16.2420,
-10.8571

61.0680, 21.0282,
-12.3520

9.1098, 14.9040,
-10.4689

72.3610, 21.6438,
-12.4491

0.0000, INF, -NF

84.2752, 22.1725,
-12.4857

0.0000, NaN, NaN

0.0000, NaN, NaN

96.7799, 22.6222,
-12.4659

0.0000, NaN, NaN

109.8484, 22.9995,

0.0000, NaN, NaN

-12.3933

0.0000, NaN, NaN

123.4573, 23.3100,
-12.2709

■ 31.3176, 18.5547,
-11.6584

■ 31.3176, 18.5547,
-11.6584

■ 28.9942, 24.1104,
-15.3341

■ 33.9108, 12.9244,
-7.9093

■ 26.9776, 29.4186,
-18.8195

■ 36.7352, 7.3334,
-4.1661

■ 25.3070, 34.2339,
-21.9498

■ 39.7598, 1.8417,
-0.4718

■ 24.0127, 38.2675,
-24.5343

■ 42.9574, -3.5233,
3.1528

■ 23.1083, 41.2520,
-26.3993

■ 46.3057, -8.7548,
6.7007

■ 22.5098, 43.2922,
-27.6217

■ 49.7859, -13.8577,
10.1732

■ 22.3710, 43.7763,
-27.9103

■ 53.3827, -18.8426,
13.5757

■ 57.0835, -23.7225,
16.9157

■ 60.8777, -28.5111,
20.2010

Harmonies

Analogous

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



31.3183, 8.7376, -22.6473



31.3176, 18.5547, -11.6584



31.3183, 22.9154, 0.6131

Triad

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



31.3183, 18.5537, -11.6576



31.3183, -0.5372, 16.0545



31.3183, -18.6701, -9.1189

Complementary

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



31.3176, 18.5547, -11.6584



38.2541, -18.6715, 13.2032

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.



31.3183, -20.4368, 2.7585



31.3176, 18.5547, -11.6584



31.3183, -10.8791, 15.0317

Square

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



31.3183, 18.5537, -11.6576



31.3183, 10.9634, 14.4949



31.3183, -17.7911, 10.9482



31.3183, -12.5770, -20.8551

Rectangle

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



31.3176, 18.5547, -11.6584



31.3183, 21.7439, 7.1323



31.3183, -17.7911, 10.9482



31.3183, -19.7489, -4.9106

Sweetspot

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



31.3183, 18.5537, -11.6576



51.6874, 5.1498, -2.4404



27.3774, 6.8405, -19.4580



24.5851, 2.8277, -1.4113



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.



31.3183, 18.5537, -11.6576



39.2234, 31.2053, -19.8214



30.5947, 15.0207, -1.5292



19.3819, 1.2921, -0.4915



23.4811, 45.9476, -29.2873



51.8174, 101.3693, -64.4254

Inverse Universe

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



31.3183, 18.5537, -11.6576



39.2234, 31.2053, -19.8214



38.7026, -16.0357, 6.7126



19.3819, 1.2921, -0.4915



23.4811, 45.9476, -29.2873



51.8174, 101.3693, -64.4254

Previews

White Background



This preview shows how the HunterLab color 31.3176, 18.5547, -11.6584 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 31.3176, 18.5547, -11.6584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

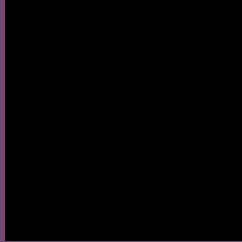
Any Text WCAG AA × Fail

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 31.3176, 18.5547, -11.6584 Background



This preview shows how black text looks on a background with the HunterLab color 31.3176, 18.5547, -11.6584.



This preview shows how white text looks on a background with the HunterLab color 31.3176, 18.5547, -11.6584.

-11.6584.

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

31.3176, 18.5547, -11.6584

Protanopia

31.4407, 2.9981, -18.4376

Deuteranopia

31.4539, 1.9608, -10.0326



Tritanopia

31.2387, 9.5912, 3.1053

Trichromacy



Original Color

31.3176, 18.5547, -11.6584

Protanomaly

31.1268, 8.0744, -16.3721

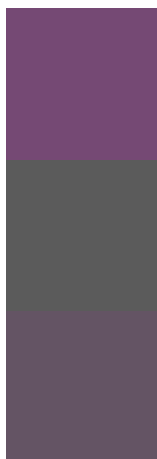
Deuteranomaly

31.2030, 7.6258, -10.8887

Tritanomaly

31.1925, 12.3934, -1.5971

Monochromacy



Original Color

31.3176, 18.5547, -11.6584

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

31.5754, 5.3791, -3.0882

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.3176, 18.5547, -11.6584 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(117, 73, 116)` looks like.

```
.text, #text, p{  
    color:rgb(117, 73, 116)  
}
```

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(117, 73, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 73, 116) }
```

Border

The CSS property to change the border of an element to HunterLab 31.3176, 18.5547, -11.6584 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(117, 73, 116) }
```


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

```
.border{ border-color:rgb(117, 73, 116) }
```

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

Here you see how a box with a 4 pixel rgb(117, 73, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 73, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 73, 116);  
box-shadow:4px 4px 4px 4px rgb(117, 73,  
116) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.3176, 18.5547, -11.6584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 73, 116) }
```

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

```
.background{ background-color: rgb(117, 73,  
116) }
```

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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