

Converting Colors

HunterLab(31.1103, 27.6302,
-60.6180)

Have a look what the booklet for
HunterLab(31.1103, 27.6302,
-60.6180) contains.

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Color

**HunterLab(31.1745, 27.5865,
-60.4133)**

Conversions

Conversions Part 1

Format	Color
Hex	5946B2
RGB	89, 70, 178
RGB Percent	35%, 27%, 70%
CMY	0.6510, 0.7255, 0.3020
CMYK	0.50, 0.61, 0.00, 0.30
HSL	251°, 44%, 49%
HSV	251°, 61%, 70%
XYZ	14.3458, 9.7185, 43.2391
YIQ	87.9930, -23.3440, 37.6160

Conversions

Conversions Part 2

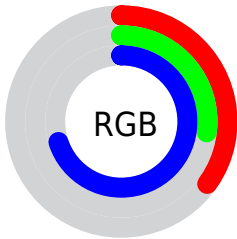
Format	Color
R_{YB}	89, 70, 178
Decimal	5850802
CIE _{Lab}	37.33, 36.33, -55.05
CIE _{LCh}	37, 65.963, 303.424
Yxy	9.7188, 0.2132, 0.1444
Android (android.graphics.Color)	4284040882 (0xFF5946B2)
YUV	87.9930, 44.3735, 0.8831
Hunter-Lab	31.1745, 27.5865, -60.4133

Details

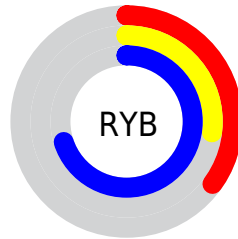
The HunterLab color **31.1745, 27.5865, -60.4133** is a dark color, and the websafe version is hex **333399**, and the color name is **plump purple**. A complement of this color would be **62.9712, -21.4094, 32.9720**, and the grayscale version is **31.0853, -1.6586, 1.6889**.

A 20% lighter version of the original color is **50.2111, 30.4025, -61.3367**, and **15.3952, 24.2104, -63.5276** is the 20% darker color. If you saturate the color by 10%, you get **26.7535, 34.0653, -76.2620**, and if you desaturate by 10%, it is **36.1726, 21.4766, -46.3723**.

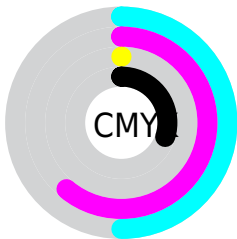
Distribution



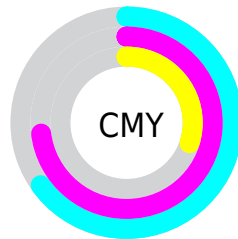
- Red (35%)
- Green (27%)
- Blue (70%)



- Red (35%)
- Yellow (27%)
- Blue (70%)



- Cyan (50%)
- Magenta (61%)
- Yellow (0%)
- Black (30%)



- Cyan (65%)
- Magenta (73%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.1745, 27.5865, -60.4133 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 31.1745, 27.5865, -60.4133 by changing the saturation by 10% instead.

31.1745, 27.5865,
-60.4133

31.1745, 27.5865,
-60.4133

137.3510, 36.2436,
-65.9651

22.8318, 26.0696,
-61.2476

50.2645, 30.2336,
-60.7864

15.4036, 24.4410,
-63.8556

60.8889, 31.3752,
-61.3957

9.0100, 22.8892,
-71.1685

72.1714, 32.4089,
-62.1164

0.0000, INF, -NF

0.0000, NaN, -NF

84.0758, 33.3438,
-62.8891

0.0000, NaN, -NF

96.5711, 34.1880,
-63.6783

0.0000, NaN, NaN

109.6305, 34.9487,

0.0000, NaN, NaN

-64.4624

0.0000, NaN, NaN

123.2308, 35.6321,
-65.2276

■ 31.1745, 27.5865,
-60.4133

■ 31.1745, 27.5865,
-60.4133

■ 26.7535, 34.0653,
-76.2620

■ 36.1726, 21.4766,
-46.3723

■ 23.0907, 40.4739,
-93.2137

■ 41.6121, 15.8294,
-34.0948

■ 20.3982, 45.7938,
-109.0550

■ 47.3994, 10.6056,
-23.2927

■ 18.7368, 49.2422,
-120.8741

■ 53.4687, 5.7290,
-13.6578

■ 59.7732, 1.1248,
-4.9275

■ 66.2785, -3.2702,
3.1048

■ 72.9593, -7.5060,
10.5975

■ 79.7957, -11.6213,
17.6705

■ 86.7723, -15.6461,
24.4152

Harmonies

Analogous

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



31.1750, 1.1014, -79.8844



31.1745, 27.5865, -60.4133



31.1750, 50.3974, -24.5630

Triad

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



31.1750, 27.5871, -60.4122



31.1750, 21.4305, 21.1080



31.1750, -35.3386, -1.0026

Complementary

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



31.1745, 27.5865, -60.4133



62.9712, -21.4094, 32.9720

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.



31.1750, -32.8287, 15.5202



31.1745, 27.5865, -60.4133



31.1750, -4.3383, 21.8225

Square

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



31.1750, 27.5871, -60.4122



31.1750, 46.1612, 17.3689



31.1750, -22.9894, 20.5841



31.1750, -31.2909, -32.8291

Rectangle

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



31.1745, 27.5865, -60.4133



31.1750, 57.6830, -3.6813



31.1750, -22.9894, 20.5841



31.1750, -35.2273, 6.2604

Sweetspot

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



31.1750, 27.5871, -60.4122



73.9820, 6.2205, -15.5164



54.4593, -19.4827, -12.6392



33.6853, 3.7889, -8.9620



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



31.1750, 27.5871, -60.4122



34.1246, 49.0348, -110.8231



36.5316, 40.5436, -45.1389



28.8091, 0.2470, -1.8079



15.9118, 41.7031, -101.7606



3.1831, 7.7245, -15.5659

Inverse Universe

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



40.4333, 47.5910, -22.3480



49.9567, 76.0191, -34.3819



59.4536, -35.0804, 30.2424



29.3608, 2.0248, -0.3761



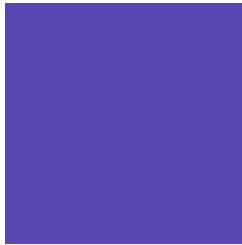
28.7762, 54.5217, -22.0376



5.1699, 9.9018, -4.7847

Previews

White Background



This preview shows how the HunterLab color 31.1745, 27.5865, -60.4133 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 31.1745, 27.5865, -60.4133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

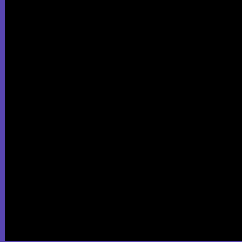
Any Text WCAG AA × Fail

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 31.1745, 27.5865, -60.4133 Background



This preview shows how black text looks on a background with the HunterLab color 31.1745, 27.5865, -60.4133.



This preview shows how white text looks on a background with the HunterLab color 31.1745, 27.5865, -60.4133.

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

31.1745, 27.5865, -60.4133

Protanopia

31.2926, 10.7607, -62.3422

Deuteranopia

31.1651, 0.7717, -40.6195



Tritanopia

31.1663, -6.8550, -3.3718

Trichromacy



Original Color

31.1745, 27.5865, -60.4133

Protanomaly

30.4944, 14.5418, -63.8748

Deuteranomaly

30.2885, 8.2254, -49.9439

Tritanomaly

30.5860, 4.1965, -20.6672

Monochromacy



Original Color

31.1745, 27.5865, -60.4133

Achromatopsia

31.2390, -1.6668, 1.6973

Achromatomaly

30.5615, 7.3664, -16.1326

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.1745, 27.5865, -60.4133 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(89, 70, 178)` looks like.

```
.text, #text, p{  
    color:rgb(89, 70, 178)  
}
```

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(89, 70, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 70, 178) }
```

Border

The CSS property to change the border of an element to HunterLab 31.1745, 27.5865, -60.4133 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(89, 70, 178) }
```


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

```
.border{ border-color:rgb(89, 70, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 70, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 70, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 70, 178);  
box-shadow:4px 4px 4px 4px rgb(89, 70,  
178) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.1745, 27.5865, -60.4133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 70, 178) }
```

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

```
.background{ background-color: rgb(89, 70,  
178) }
```

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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