

Converting Colors

HunterLab(30.7214, 31.6335,
-16.4920)

Have a look what the booklet for
HunterLab(30.7214, 31.6335,
-16.4920) contains.

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Color

**HunterLab(30.7290, 31.9690,
-16.6610)**

Conversions

Conversions Part 1

Format	Color
Hex	853A7B
RGB	133, 58, 123
RGB Percent	52%, 23%, 48%
CMY	0.4784, 0.7725, 0.5176
CMYK	0.00, 0.56, 0.08, 0.48
HSL	308°, 39%, 37%
HSV	308°, 56%, 52%
XYZ	14.7611, 9.4427, 19.7835
YIQ	87.8350, 23.8350, 36.1150

Conversions

Conversions Part 2

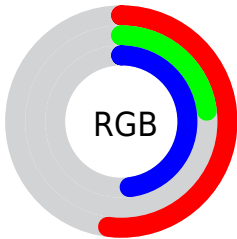
Format	Color
R_{YB}	133, 58, 123
Decimal	8731259
CIE _{Lab}	36.82, 41.07, -22.20
CIE _{LCh}	37, 46.689, 331.605
Yxy	9.4432, 0.3356, 0.2147
Android (android.graphics.Color)	4286921339 (0xFF853A7B)
YUV	87.8350, 17.3363, 39.6097
Hunter-Lab	30.7290, 31.9690, -16.6610

Details

The HunterLab color $[30.7290, 31.9690, -16.6610]$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $[42.5350, -27.5347, 18.1039]$, and the grayscale version is $[31.1113, -1.6600, 1.6903]$.

A 20% lighter version of the original color is $[49.7627, 35.0326, -17.6614]$, and $[15.0514, 28.6901, -15.7433]$ is the 20% darker color. If you saturate the color by 10%, you get $[28.6825, 37.3375, -19.2156]$, and if you desaturate by 10%, it is $[33.1764, 26.0512, -13.6393]$.

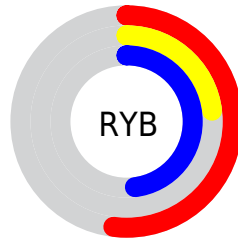
Distribution



Red (52%)

Green (23%)

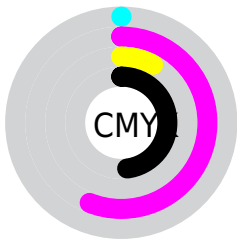
Blue (48%)



Red (52%)

Yellow (23%)

Blue (48%)

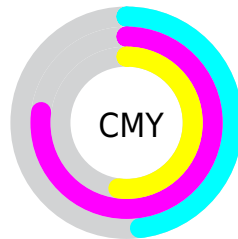


Cyan (0%)

Magenta (56%)

Yellow (8%)

Black (48%)



Cyan (48%)

Magenta (77%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.7290, 31.9690, -16.6610 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 30.7290, 31.9690, -16.6610 by changing the saturation by 10% instead.

30.7290, 31.9690,
-16.6610

30.7290, 31.9690,
-16.6610

136.6200, 42.2590,
-18.6354

22.4307, 30.2766,
-16.1641

49.7421, 34.9936,
-17.5172

15.0521, 28.5172,
-15.6909

60.3318, 36.3260,
-17.8539

8.6916, 27.1370,
-15.5689

71.5818, 37.5475,
-18.1275

0.0000, INF, -NF

0.0000, NaN, NaN

83.4553, 38.6662,
-18.3401

0.0000, NaN, NaN

95.9212, 39.6900,
-18.4943

0.0000, NaN, NaN

0.0000, NaN, NaN

108.9525, 40.6260,

-18.5931

0.0000, NaN, NaN

122.5257, 41.4805,
-18.6392

■ 30.7290, 31.9690,
-16.6610

■ 30.7290, 31.9690,
-16.6610

■ 28.6825, 37.3375,
-19.2156

■ 33.1764, 26.0512,
-13.6393

■ 27.0751, 41.8230,
-21.1164

■ 35.9749, 19.8647,
-10.3219

■ 25.9287, 45.0975,
-22.1980

■ 39.0781, 13.6009,
-6.8351

■ 25.1985, 47.0850,
-22.4587

■ 42.4432, 7.3776,
-3.2657

■ 24.9610, 47.7299,
-22.5011

■ 46.0336, 1.2578,
0.3326

■ 49.8183, -4.7315,
3.9285

■ 53.7720, -10.5848,
7.5059

■ 57.8740, -16.3081,
11.0577

■ 62.1070, -21.9133,
14.5823

Harmonies

Analogous

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



30.7297, 17.0375, -37.3071



30.7290, 31.9690, -16.6610



30.7297, 37.4385, 2.5152

Triad

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



30.7297, 31.9676, -16.6600



30.7297, -2.5347, 19.2115



30.7297, -24.4637, -18.9964

Complementary

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



30.7290, 31.9690, -16.6610



42.5350, -27.5347, 18.1039

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.



30.7297, -27.5784, 0.8056



30.7290, 31.9690, -16.6610



30.7297, -16.7077, 17.9631

Square

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



30.7297, 31.9676, -16.6600



30.7297, 15.1458, 18.2276



30.7297, -25.0716, 12.9317



30.7297, -15.4540, -39.0888

Rectangle

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



30.7290, 31.9690, -16.6610



30.7297, 34.2236, 10.9195



30.7297, -25.0716, 12.9317



30.7297, -26.1364, -11.8151

Sweetspot

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



30.7297, 31.9676, -16.6600



56.3339, 10.6986, -4.8495



24.3906, 16.8226, -38.6180



26.3793, 5.7252, -2.6762



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



30.7297, 31.9676, -16.6600



37.6383, 52.0104, -26.6240



29.4567, 26.2938, 1.1014



21.8001, 1.4135, -0.3159



24.3629, 46.5889, -21.9833



1.4594, 2.8311, -1.6294

Inverse Universe

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



30.7297, 31.9676, -16.6600



37.6383, 52.0104, -26.6240



43.2495, -23.2361, 7.7361



21.8001, 1.4135, -0.3159



24.3629, 46.5889, -21.9833



1.4594, 2.8311, -1.6294

Previews

White Background



This preview shows how the HunterLab color 30.7290, 31.9690, -16.6610 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 30.7290, 31.9690, -16.6610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

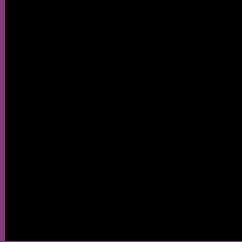
Any Text WCAG AA × Fail

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 30.7290, 31.9690, -16.6610 Background



This preview shows how black text looks on a background with the HunterLab color 30.7290, 31.9690, -16.6610.



This preview shows how white text looks on a background with the HunterLab color 30.7290, 31.9690, -16.6610.

-16.6610.

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

30.7290, 31.9690, -16.6610

Protanopia

30.9781, 5.8493, -32.8567

Deuteranopia

30.9569, 1.9853, -13.7162



Tritanopia

30.7856, 17.8037, 6.4616

Trichromacy



Original Color

30.7290, 31.9690, -16.6610

Protanomaly

29.9029, 14.0966, -29.0019

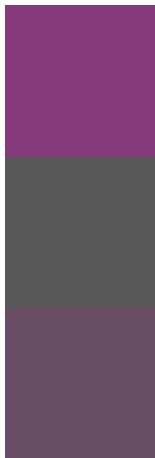
Deuteranomaly

30.2020, 12.2273, -16.0588

Tritanomaly

30.6838, 22.4293, -0.2650

Monochromacy



Original Color

30.7290, 31.9690, -16.6610

Achromatopsia

31.2390, -1.6668, 1.6973

Achromatomaly

30.3157, 10.0189, -5.2233

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.7290, 31.9690, -16.6610 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(133, 58, 123)` looks like.

```
.text, #text, p{  
    color:rgb(133, 58, 123)  
}
```

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(133, 58, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 58, 123) }
```

Border

The CSS property to change the border of an element to HunterLab 30.7290, 31.9690, -16.6610 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(133, 58, 123) }
```


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

```
.border{ border-color:rgb(133, 58, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 58, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 58, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 58, 123);  
box-shadow:4px 4px 4px 4px rgb(133, 58,  
123) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.7290, 31.9690, -16.6610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 58, 123) }
```

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

```
.background{ background-color: rgb(133, 58,  
123) }
```

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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