

Converting Colors

HunterLab(29.6045, 18.1356,
-47.9556)

Have a look what the booklet for
HunterLab(29.6045, 18.1356,
-47.9556) contains.

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Color

**HunterLab(29.6631, 18.0700,
-47.8802)**

Conversions

Conversions Part 1

Format	Color
Hex	4B49A0
RGB	75, 73, 160
RGB Percent	29%, 29%, 63%
CMY	0.7059, 0.7137, 0.3725
CMYK	0.53, 0.54, 0.00, 0.37
HSL	241°, 37%, 46%
HSV	241°, 54%, 63%
XYZ	11.6293, 8.7990, 34.3431
YIQ	83.5160, -26.7350, 27.4810

Conversions

Conversions Part 2

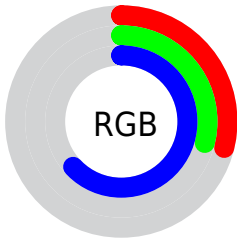
Format	Color
R_{YB}	75, 73, 160
Decimal	4934048
CIE _{Lab}	35.59, 25.83, -47.18
CIE _{LCh}	36, 53.794, 298.701
Yxy	8.7993, 0.2123, 0.1607
Android (android.graphics.Color)	4283124128 (0xFF4B49A0)
YUV	83.5160, 37.7066, -7.4685
Hunter-Lab	29.6631, 18.0700, -47.8802

Details

The HunterLab color **29.6631, 18.0700, -47.8802** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **57.3512, -13.6110, 28.5847**, and the grayscale version is **29.4734, -1.5726, 1.6013**.

A 20% lighter version of the original color is **48.5502, 19.5676, -48.2527**, and **14.1882, 16.0115, -50.2632** is the 20% darker color. If you saturate the color by 10%, you get **25.3093, 23.6556, -61.9008**, and if you desaturate by 10%, it is **34.4799, 13.1528, -35.7121**.

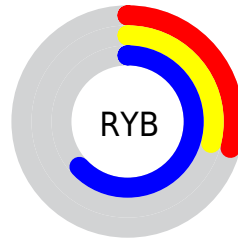
Distribution



Red (29%)

Green (29%)

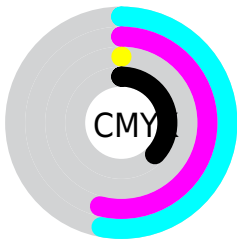
Blue (63%)



Red (29%)

Yellow (29%)

Blue (63%)

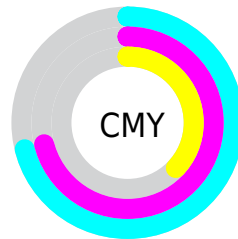


Cyan (53%)

Magenta (54%)

Yellow (0%)

Black (37%)



Cyan (71%)

Magenta (71%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.6631, 18.0700, -47.8802 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 29.6631, 18.0700, -47.8802 by changing the saturation by 10% instead.

■ 29.6631, 18.0700,
-47.8802

■ 29.6631, 18.0700,
-47.8802

■ 134.8604, 23.0988,
-53.5260

■ 21.4720, 16.9787,
-48.1418

■ 48.4882, 19.8481,
-48.7265

■ 14.2147, 15.7335,
-49.6912

■ 58.9940, 20.5646,
-49.3999

■ 7.8701, 15.2274,
-56.1740

■ 70.1649, 21.1832,
-50.1216

0.0000, INF, -NF

■ 81.9636, 21.7136,
-50.8519

0.0000, NaN, -NF

■ 94.3582, 22.1640,
-51.5683

0.0000, NaN, -NF

107.3214, 22.5414,

0.0000, NaN, NaN

-52.2574

0.0000, NaN, NaN

120.8291, 22.8513,
-52.9115

■ 29.6631, 18.0700,
-47.8802

■ 29.6631, 18.0700,
-47.8802

■ 25.3093, 23.6556,
-61.9008

■ 34.4799, 13.1528,
-35.7121

■ 21.5725, 29.8148,
-77.5912

■ 39.6509, 8.8182,
-25.1434

■ 18.6595, 35.9802,
-93.5480

■ 45.1035, 4.9472,
-15.8395

■ 16.7783, 40.8672,
-106.4703

■ 50.7868, 1.4321,
-7.5066

■ 16.0058, 43.2672,
-112.5766

■ 56.6648, -1.8122,
0.0861

■ 62.7109, -4.8507,
7.1136

■ 68.9053, -7.7322,
13.7068

■ 75.2324, -10.4931,
19.9639

■ 81.6798, -13.1611,
25.9590

Harmonies

Analogous

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



29.6636, -2.4077, -58.3468



29.6631, 18.0700, -47.8802



29.6636, 36.5154, -22.6971

Triad

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



29.6636, 18.0705, -47.8792



29.6636, 19.8722, 18.6029



29.6636, -29.9779, 2.3915

Complementary

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



29.6631, 18.0700, -47.8802



57.3512, -13.6110, 28.5847

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.



29.6636, -26.7846, 14.5866



29.6631, 18.0700, -47.8802



29.6636, -0.7519, 19.7038

Square

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



29.6636, 18.0705, -47.8792



29.6636, 37.7264, 13.9225



29.6636, -17.1645, 18.7817



29.6636, -27.3020, -20.3836

Rectangle

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



29.6631, 18.0700, -47.8802



29.6636, 43.3948, -6.0304



29.6636, -17.1645, 18.7817



29.6636, -29.5739, 7.6468

Sweetspot

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



29.6636, 18.0705, -47.8792



66.9314, 2.8142, -12.2003



53.4757, -22.1037, -4.3094



30.6533, 1.7341, -6.6972



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



29.6636, 18.0705, -47.8792



33.0866, 33.3874, -87.2381



33.3936, 28.1142, -37.9798



25.3814, -0.1245, -1.6640



14.1362, 38.1944, -99.2805



1.9397, 5.1443, -12.8740

Inverse Universe

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



38.3502, 40.1786, -25.6738



47.7642, 65.3536, -41.8838



54.1027, -25.8886, 25.9768



25.9845, 1.9098, -0.7760



27.7505, 54.2947, -34.5574



3.7207, 7.2948, -4.7502

Previews

White Background



This preview shows how the HunterLab color 29.6631, 18.0700, -47.8802 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 29.6631, 18.0700, -47.8802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

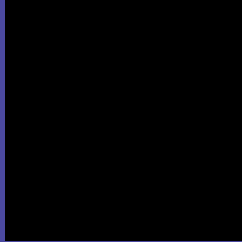
Any Text WCAG AA × Fail

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 29.6631, 18.0700, -47.8802 Background



This preview shows how black text looks on a background with the HunterLab color 29.6631, 18.0700, -47.8802.



This preview shows how white text looks on a background with the HunterLab color 29.6631, 18.0700,

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

29.6631, 18.0700, -47.8802

Protanopia

29.8037, 9.7790, -55.1611

Deuteranopia

29.4941, 1.3622, -39.8057



Tritanopia

29.6202, -8.4157, -4.0467

Trichromacy



Original Color

29.6631, 18.0700, -47.8802

Protanomaly

29.3884, 11.9224, -53.4984

Deuteranomaly

29.0705, 5.7835, -44.3376

Tritanomaly

29.2277, 0.2112, -17.3903

Monochromacy



Original Color

29.6631, 18.0700, -47.8802

Achromatopsia

29.7751, -1.5887, 1.6177

Achromatomaly

29.4219, 4.2460, -12.6869

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.6631, 18.0700, -47.8802 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(75, 73, 160)` looks like.

```
.text, #text, p{  
    color:rgb(75, 73, 160)  
}
```

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(75, 73, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 73, 160) }
```

Border

The CSS property to change the border of an element to HunterLab 29.6631, 18.0700, -47.8802 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(75, 73, 160) }
```


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

```
.border{ border-color:rgb(75, 73, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 73, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 73, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 73, 160);  
box-shadow:4px 4px 4px 4px rgb(75, 73,  
160) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.6631, 18.0700, -47.8802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 73, 160) }
```

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

```
.background{ background-color: rgb(75, 73,  
160) }
```

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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