

Converting Colors

HunterLab(18.0978, 28.2610,
-29.6255)

Have a look what the booklet for
HunterLab(18.0978, 28.2610,
-29.6255) contains.

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Color

**HunterLab(18.1176, 28.1818,
-29.4794)**

Conversions

Conversions Part 1

Format	Color
Hex	511666
RGB	81, 22, 102
RGB Percent	32%, 9%, 40%
CMY	0.6823, 0.9137, 0.6000
CMYK	0.21, 0.78, 0.00, 0.60
HSL	284°, 65%, 24%
HSV	284°, 78%, 40%
XYZ	6.0785, 3.2825, 12.8836
YIQ	48.7610, 9.4840, 37.3880

Conversions

Conversions Part 2

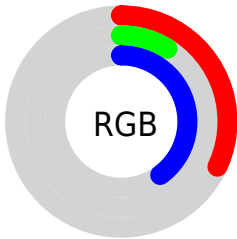
Format	Color
R_{YB}	81, 22, 102
Decimal	5314150
CIE Lab	21.14, 39.86, -34.15
CIE LCh	21, 52.487, 319.411
Yxy	3.2826, 0.2733, 0.1476
Android (android.graphics.Color)	4283504230 (0xFF511666)
YUV	48.7610, 26.2468, 28.2736
Hunter-Lab	18.1176, 28.1818, -29.4794

Details

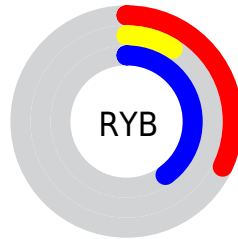
The HunterLab color **18.1176, 28.1818, -29.4794** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **31.7401, -22.4067, 17.7477**, and the grayscale version is **17.3591, -0.9262, 0.9432**.

A 20% lighter version of the original color is **34.5751, 31.5078, -30.5686**, and **7.9571, 17.0933, -21.7293** is the 20% darker color. If you saturate the color by 10%, you get **16.8846, 30.6672, -33.1998**, and if you desaturate by 10%, it is **19.6807, 24.9454, -25.3059**.

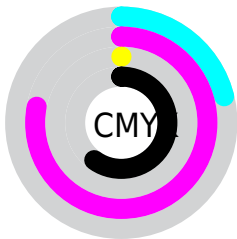
Distribution



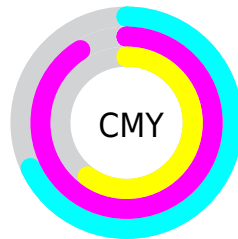
- Red (32%)
- Green (9%)
- Blue (40%)



- Red (32%)
- Yellow (9%)
- Blue (40%)



- Cyan (21%)
- Magenta (78%)
- Yellow (0%)
- Black (60%)



- Cyan (68%)
- Magenta (91%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.1176, 28.1818, -29.4794 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 18.1176, 28.1818, -29.4794 by changing the saturation by 10% instead.

18.1176, 28.1818,
-29.4794

18.1176, 28.1818,
-29.4794

114.7483, 39.5132,
-34.0482

11.3181, 26.4676,
-29.8926

34.5736, 31.4873,
-30.3024

3.5555, 49.9565,
-56.1881

44.0356, 32.9629,
-30.9134

0.0000, INF, -NF

0.0000, NaN, -NF

54.2311, 34.3155,
-31.5321

0.0000, NaN, NaN

65.1109, 35.5527,
-32.1261

0.0000, NaN, NaN

76.6343, 36.6831,
-32.6801

0.0000, NaN, NaN

0.0000, NaN, NaN

88.7671, 37.7150,

-33.1868

0.0000, NaN, NaN

101.4802, 38.6562,
-33.6432

18.1176, 28.1818,
-29.4794

18.1176, 28.1818,
-29.4794

16.8846, 30.6672,
-33.1998

19.6807, 24.9454,
-25.3059

15.8624, 32.6489,
-36.6397

21.5390, 21.2393,
-20.9583

15.6981, 32.9943,
-37.2266

23.6536, 17.2901,
-16.6311

25.9864, 13.2514,
-12.4358

28.5044, 9.2139,
-8.4214

■ 31.1799, 5.2246,
-4.5989

■ 33.9905, 1.3035,
-0.9591

■ 36.9182, -2.5446,
2.5163

■ 39.9483, -6.3232,
5.8486

Harmonies

Analogous

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



18.1180, 10.2144, -52.5112



18.1176, 28.1818, -29.4794



18.1180, 39.3566, -5.1350

Triad

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



18.1180, 28.1814, -29.4786



18.1180, 4.9297, 12.6826



18.1180, -21.5740, -11.4116

Complementary

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



18.1176, 28.1818, -29.4794



31.7401, -22.4067, 17.7477

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.



18.1180, -22.1375, 5.5153



18.1176, 28.1818, -29.4794



18.1180, -9.9603, 12.6826

Square

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



18.1180, 28.1814, -29.4786



18.1180, 23.1973, 12.6826



18.1180, -18.6849, 12.1560



18.1180, -16.7408, -37.2678

Rectangle

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



18.1176, 28.1818, -29.4794



18.1180, 39.5456, 5.0867



18.1180, -18.6849, 12.1560



18.1180, -22.1871, -4.3747

Sweetspot

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



18.1180, 28.1814, -29.4786



39.0510, 10.2163, -9.2294



16.9768, 8.1981, -33.2966



18.5362, 5.6162, -5.1149



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



18.1180, 28.1814, -29.4786



21.3488, 42.3617, -47.3288



20.0709, 30.1607, -11.4793



16.8960, 0.7462, -0.5662



17.7370, 37.3212, -42.3832



39.9614, 84.5148, -98.8243

Inverse Universe

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



18.9027, 25.4914, 4.9250



22.9882, 38.1237, 9.4986



31.3547, -23.6918, 14.9961



16.9031, 0.5820, 0.9039



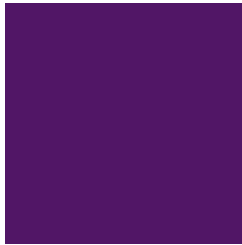
19.2932, 33.5292, 8.6757



43.9170, 76.0414, 21.9267

Previews

White Background



This preview shows how the HunterLab color 18.1176, 28.1818, -29.4794 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 18.1176, 28.1818, -29.4794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

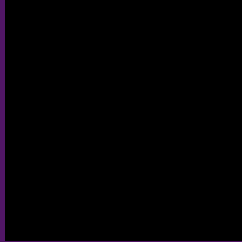
Any Text WCAG AA × Fail

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 18.1176, 28.1818, -29.4794 Background



This preview shows how black text looks on a background with the HunterLab color 18.1176, 28.1818, -29.4794.



This preview shows how white text looks on a background with the HunterLab color 18.1176, 28.1818, -29.4794.

-29.4794.

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

18.1176, 28.1818, -29.4794

Protanopia

18.2832, 5.0499, -33.7537

Deuteranopia

18.3149, 0.0477, -22.9951



Tritanopia

18.5015, 7.7711, 2.9184

Trichromacy



Original Color

18.1176, 28.1818, -29.4794

Protanomaly

16.7294, 11.4322, -36.8564

Deuteranomaly

16.6740, 8.2071, -29.7959

Tritanomaly

17.8983, 14.7979, -6.3026

Monochromacy



Original Color

18.1176, 28.1818, -29.4794

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

16.9130, 9.3822, -8.5856

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.1176, 28.1818, -29.4794 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(81, 22, 102)` looks like.

```
.text, #text, p{  
    color:rgb(81, 22, 102)  
}
```

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(81, 22, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 22, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 18.1176, 28.1818, -29.4794 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(81, 22, 102) }
```


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

```
.border{ border-color:rgb(81, 22, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 22, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 22, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 22, 102);  
box-shadow:4px 4px 4px 4px rgb(81, 22,  
102) }
```

Background

The CSS property to change the background color of an element to HunterLab 18.1176, 28.1818, -29.4794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 22, 102) }
```

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

```
.background{ background-color: rgb(81, 22,  
102) }
```

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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