

Converting Colors

HunterLab(17.7116, 29.4777,
-75.5609)

Have a look what the booklet for
HunterLab(17.7116, 29.4777,
-75.5609) contains.

HunterLab(17.7116, 29.4773, -75.5609)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(17.7116, 29.4773,
-75.5609)**

Conversions

Conversions Part 1

Format	Color
Hex	211C8F
RGB	33, 28, 143
RGB Percent	13%, 11%, 56%
CMY	0.8706, 0.8902, 0.4392
CMYK	0.77, 0.80, 0.00, 0.44
HSL	243°, 67%, 34%
HSV	243°, 80%, 56%
XYZ	6.0004, 3.1370, 26.2758
YIQ	42.6050, -33.9350, 36.8250

Conversions

Conversions Part 2

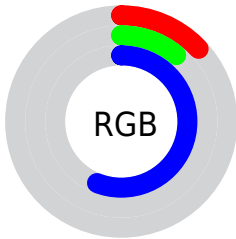
Format	Color
R_{YB}	33, 28, 143
Decimal	2169999
CIE _{Lab}	20.58, 41.40, -61.44
CIE _{LCh}	21, 74.087, 303.973
Yxy	3.1370, 0.1694, 0.0886
Android (android.graphics.Color)	4280360079 (0xFF211C8F)
YUV	42.6050, 49.4947, -8.4236
Hunter-Lab	17.7116, 29.4773, -75.5609

Details

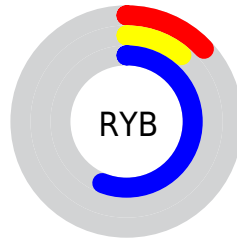
The HunterLab color **17.7116, 29.4773, -75.5609** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **50.1311, -14.6942, 29.3341**, and the grayscale version is **15.2655, -0.8145, 0.8294**.

A 20% lighter version of the original color is **34.0168, 33.2385, -71.5767**, and **8.6910, 23.5743, -61.7531** is the 20% darker color. If you saturate the color by 10%, you get **15.5916, 34.3762, -88.6099**, and if you desaturate by 10%, it is **20.6330, 24.0556, -61.5392**.

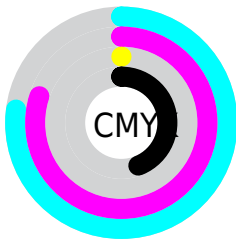
Distribution



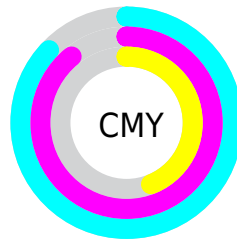
- Red (13%)
- Green (11%)
- Blue (56%)



- Red (13%)
- Yellow (11%)
- Blue (56%)



- Cyan (77%)
- Magenta (80%)
- Yellow (0%)
- Black (44%)



- Cyan (87%)
- Magenta (89%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.7116, 29.4773, -75.5609 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 17.7116, 29.4773, -75.5609 by changing the saturation by 10% instead.

■ 17.7116, 29.4773,
-75.5609

■ 17.7116, 29.4773,
-75.5609

■ 113.9946, 41.3609,
-75.0841

■ 10.9713, 27.7564,
-83.1228

■ 34.0691, 32.8936,
-71.3616

■ 2.5440, 72.2957,
-229.7232

■ 43.4884, 34.4340,
-71.1365

0.0000, INF, -NF

0.0000, NaN, -NF

■ 53.6445, 35.8522,
-71.4053

0.0000, NaN, -NF

■ 64.4873, 37.1544,
-71.9490

0.0000, NaN, NaN

■ 75.9757, 38.3485,
-72.6469

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.0754, 39.4428,

-73.4283

0.0000, NaN, NaN

100.7569, 40.4446,
-74.2499

17.7116, 29.4773,
-75.5609

17.7116, 29.4773,
-75.5609

15.5916, 34.3762,
-88.6099

20.6330, 24.0556,
-61.5392

14.2245, 38.3015,
-98.8808

24.1698, 18.9020,
-48.5226

28.1675, 14.2789,
-37.0929

32.5150, 10.1822,
-27.1719

37.1362, 6.5251,
-18.4918

■ 41.9784, 3.2130,
-10.7802

■ 47.0048, 0.1655,
-3.8116

■ 52.1884, -2.6803,
2.5884

■ 57.5093, -5.3722,
8.5515

Harmonies

Analogous

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



17.7117, 2.0854, -104.7187



17.7116, 29.4773, -75.5609



17.7117, 55.4411, -27.3912

Triad

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



17.7117, 29.4790, -75.5606



17.7117, 21.7328, 12.3982



17.7117, -27.3500, -2.0611

Complementary

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



17.7116, 29.4773, -75.5609



50.1311, -14.6942, 29.3341

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.



17.7117, -25.5454, 11.7003



17.7116, 29.4773, -75.5609



17.7117, -3.7863, 12.3982

Square

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



17.7117, 29.4790, -75.5606



17.7117, 49.6401, 12.3982



17.7117, -18.9437, 12.3982



17.7117, -24.2824, -39.5604

Rectangle

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



17.7116, 29.4773, -75.5609



17.7117, 63.9178, -3.8091



17.7117, -18.9437, 12.3982



17.7117, -27.2931, 4.6940

Sweetspot

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



17.7117, 29.4790, -75.5606



53.4964, 6.0625, -18.5077



45.5452, -22.1172, -6.1516



24.6228, 3.5895, -10.4626



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



17.7117, 29.4790, -75.5606



19.3954, 49.9196, -129.4373



22.2574, 37.4378, -54.8539



22.9467, -0.0954, -1.4392



13.3847, 36.0220, -92.9033



1.3753, 3.5742, -8.5602

Inverse Universe

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



29.1629, 48.9153, -30.0505



37.1549, 71.4721, -43.3049



46.3764, -29.2645, 26.6603



23.4671, 1.6521, -0.6098



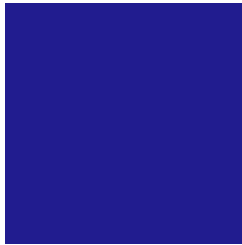
25.9910, 50.6352, -30.6843



2.5573, 5.0065, -3.2077

Previews

White Background



This preview shows how the HunterLab color 17.7116, 29.4773, -75.5609 looks on a white background.

Color Contrast Check

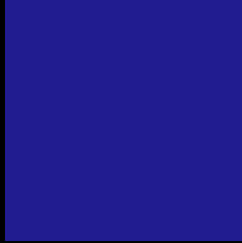
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.7116, 29.4773, -75.5609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

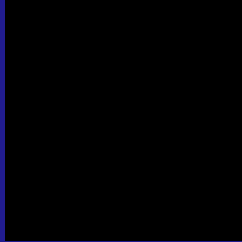
Any Text WCAG AA × Fail

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 17.7116, 29.4773, -75.5609 Background



This preview shows how black text looks on a background with the HunterLab color 17.7116, 29.4773, -75.5609.



This preview shows how white text looks on a background with the HunterLab color 17.7116, 29.4773, -75.5609.

-75.5609.

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

17.7116, 29.4773, -75.5609

Protanopia

17.7650, 4.0446, -30.9358

Deuteranopia

17.7316, -1.3506, -19.2475



Tritanopia

17.7316, -8.8474, -3.0640

Trichromacy



Original Color

17.7116, 29.4773, -75.5609

Protanomaly

17.1709, 13.1489, -47.3008

Deuteranomaly

16.9336, 9.0455, -38.1105

Tritanomaly

16.6443, 2.7675, -24.1518

Monochromacy



Original Color

17.7116, 29.4773, -75.5609

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

15.4340, 7.0055, -18.7833

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.7116, 29.4773, -75.5609 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(33, 28, 143)` looks like.

```
.text, #text, p{  
    color:rgb(33, 28, 143)  
}
```

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(33, 28, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 28, 143) }
```

Border

The CSS property to change the border of an element to HunterLab 17.7116, 29.4773, -75.5609 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(33, 28, 143) }
```


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

```
.border{ border-color:rgb(33, 28, 143) }
```

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

Here you see how a box with a 4 pixel rgb(33, 28, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 28, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 28, 143);  
box-shadow:4px 4px 4px 4px rgb(33, 28,  
143) }
```

Background

The CSS property to change the background color of an element to HunterLab 17.7116, 29.4773, -75.5609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 28, 143) }
```

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

```
.background{ background-color: rgb(33, 28,  
143) }
```

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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