

Converting Colors

HunterLab(28.1578, 16.9620,
-71.0413)

Have a look what the booklet for
HunterLab(28.1578, 16.9620,
-71.0413) contains.

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Color

**HunterLab(28.0852, 17.1298,
-71.3115)**

Conversions

Conversions Part 1

Format	Color
Hex	0648B2
RGB	6, 72, 178
RGB Percent	2%, 28%, 70%
CMY	0.9763, 0.7176, 0.3020
CMYK	0.97, 0.60, 0.00, 0.30
HSL	217°, 93%, 36%
HSV	217°, 97%, 70%
XYZ	10.4283, 7.8878, 43.0923
YIQ	64.3500, -73.3620, 18.9740

Conversions

Conversions Part 2

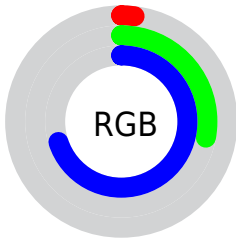
Format	Color
RYB	6, 54, 178
Decimal	411826
CIELab	33.75, 24.94, -61.07
CIELCh	34, 65.962, 292.212
Yxy	7.8880, 0.1698, 0.1284
Android (android.graphics.Color)	4278601906 (0xFF0648B2)
YUV	64.3500, 56.0295, -51.1729
Hunter-Lab	28.0852, 17.1298, -71.3115

Details

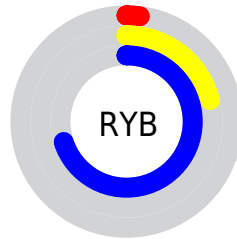
The HunterLab color **28.0852, 17.1298, -71.3115** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **45.9064, 13.7272, 28.3039**, and the grayscale version is **22.5973, -1.2057, 1.2278**.

A 20% lighter version of the original color is **46.7020, 18.8997, -70.6738**, and **15.4395, 20.4093, -63.3559** is the 20% darker color. If you saturate the color by 10%, you get **27.1711, 18.9343, -74.8351**, and if you desaturate by 10%, it is **30.9655, 12.1000, -61.3542**.

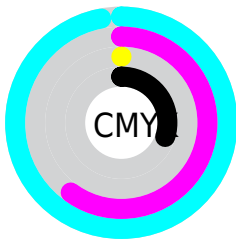
Distribution



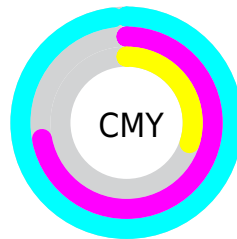
- Red (2%)
- Green (28%)
- Blue (70%)



- Red (2%)
- Yellow (21%)
- Blue (70%)



- Cyan (97%)
- Magenta (60%)
- Yellow (0%)
- Black (30%)



- Cyan (98%)
- Magenta (72%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.0852, 17.1298, -71.3115 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 28.0852, 17.1298, -71.3115 by changing the saturation by 10% instead.

■ 28.0852, 17.1298,
-71.3115

■ 28.0852, 17.1298,
-71.3115

■ 132.2311, 21.9680,
-75.5476

■ 20.0583, 16.0552,
-73.5298

■ 46.6246, 18.8707,
-70.5421

■ 12.9870, 14.8229,
-79.0432

■ 57.0028, 19.5661,
-70.9279

■ 6.4419, 16.8153,
-103.2853

■ 68.0540, 20.1629,
-71.5372

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 79.7393, 20.6713,
-72.2706

0.0000, NaN, -NF

■ 92.0260, 21.0995,
-73.0688

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.8861, 21.4547,

-73.8954

0.0000, NaN, NaN

118.2950, 21.7425,
-74.7267

■ 28.0852, 17.1298,
-71.3115

■ 28.0852, 17.1298,
-71.3115

■ 27.1711, 18.9343,
-74.8351

■ 30.9655, 12.1000,
-61.3542

■ 34.1968, 7.8742,
-51.8167

■ 37.7404, 4.4657,
-42.8362

■ 41.5532, 1.8025,
-34.4619

■ 45.5976, -0.2110,
-26.6743

■ 49.8423, -1.6713,
-19.4202

■ 54.2614, -2.6652,
-12.6340

■ 58.8340, -3.2667,
-6.2501

■ 63.5428, -3.5376,
-0.2078

Harmonies

Analogous

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



28.0855, -7.2136, -79.5127



28.0852, 17.1298, -71.3115



28.0855, 42.3833, -38.0764

Triad

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



28.0855, 17.1313, -71.3108



28.0855, 30.8410, 18.7657



28.0855, -33.1379, 6.6267

Complementary

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



28.0852, 17.1298, -71.3115



45.9064, 13.7272, 28.3039

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.



28.0855, -28.4876, 16.9790



28.0852, 17.1298, -71.3115



28.0855, 4.7101, 19.6599

Square

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



28.0855, 17.1313, -71.3108



28.0855, 51.9030, 13.1903



28.0855, -16.2652, 19.6599



28.0855, -31.7166, -19.3273

Rectangle

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



28.0852, 17.1298, -71.3115



28.0855, 53.8317, -14.4870



28.0855, -16.2652, 19.6599



28.0855, -32.3038, 11.5404

Sweetspot

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



28.0855, 17.1313, -71.3108



71.3277, -3.2604, -19.5960



57.4357, -42.1855, 19.6558



32.3901, -1.2693, -11.0397



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.



28.0855, 17.1313, -71.3108



36.0225, 26.8793, -103.0496



18.7888, 47.4925, -120.5036



29.5750, -1.6598, -0.8627



23.2296, 15.4263, -62.3360



5.3358, 0.2662, -7.2439

Inverse Universe

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



31.7236, 54.7414, 9.0481



42.2915, 74.1314, 14.1032



62.7780, -22.8212, 38.1204



29.2531, 1.4470, 1.1556



26.6174, 46.7574, 8.0969



4.8427, 8.7360, -0.3020

Previews

White Background



This preview shows how the HunterLab color 28.0852, 17.1298, -71.3115 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 28.0852, 17.1298, -71.3115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

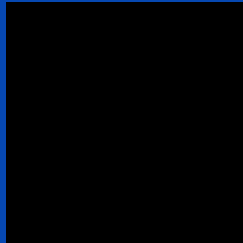
Any Text WCAG AA × Fail

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 28.0852, 17.1298, -71.3115 Background



This preview shows how black text looks on a background with the HunterLab color 28.0852, 17.1298, -71.3115.



This preview shows how white text looks on a background with the HunterLab color 28.0852, 17.1298, -71.3115.

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

28.0852, 17.1298, -71.3115

Deuteranopia

27.8369, 0.0361, -34.8717

Tritanopia

27.8743, -13.7803, -5.0928

Trichromacy



Original Color

28.0852, 17.1298, -71.3115

Deuteranomaly

27.8596, 5.7010, -46.8698

Tritanomaly

27.3911, -4.4001, -24.4745

Monochromacy



Original Color

28.0852, 17.1298, -71.3115

Achromatopsia

22.6428, -1.2082, 1.2302

Achromatomaly

23.5538, 0.8653, -19.1127

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.0852, 17.1298, -71.3115 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(6, 72, 178)` looks like.

```
.text, #text, p{  
    color:rgb(6, 72, 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(6, 72, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 72, 178) }
```

Border

The CSS property to change the border of an element to HunterLab 28.0852, 17.1298, -71.3115 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(6, 72, 178) }
```

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

```
.border{ border-color:rgb(6, 72, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 72, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 72, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 72, 178);  
box-shadow:4px 4px 4px 4px rgb(6, 72, 178)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 28.0852, 17.1298, -71.3115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 72, 178) }
```

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

```
.background{ background-color: rgb(6, 72,  
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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