

Converting Colors

HunterLab(17.1503, 21.7944,
-68.4842)

Have a look what the booklet for
HunterLab(17.1503, 21.7944,
-68.4842) contains.

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Color

**HunterLab(17.1794, 21.6196,
-68.1433)**

Conversions

Conversions Part 1

Format	Color
Hex	002387
RGB	0, 35, 135
RGB Percent	0%, 14%, 53%
CMY	0.9999, 0.8628, 0.4706
CMYK	1.00, 0.74, 0.00, 0.47
HSL	224°, 100%, 26%
HSV	224°, 100%, 53%
XYZ	4.9742, 2.9513, 23.2291
YIQ	35.9350, -52.9600, 23.6800

Conversions

Conversions Part 2

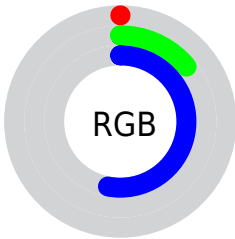
Format	Color
RYB	0, 28, 135
Decimal	9095
CIELab	19.85, 32.51, -57.70
CIELCh	20, 66.227, 299.398
Yxy	2.9514, 0.1597, 0.0947
Android (android.graphics.Color)	4278199175 (0xFF002387)
YUV	35.9350, 48.8390, -31.5150
Hunter-Lab	17.1794, 21.6196, -68.1433

Details

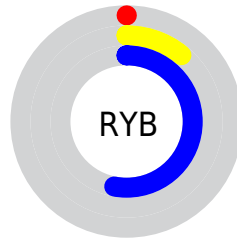
The HunterLab color **17.1794, 21.6196, -68.1433** is a dark color, and the websafe version is hex **003399**, and the color name is **resolution blue**. A complement of this color would be **37.7745, 2.6535, 23.3221**, and the grayscale version is **13.1246, -0.7003, 0.7131**.

A 20% lighter version of the original color is **33.4077, 24.0725, -64.4361**, and **8.0006, 21.7016, -56.8475** is the 20% darker color. If you saturate the color by 10%, you get **17.1768, 21.6274, -68.1569**, and if you desaturate by 10%, it is **19.2759, 17.0625, -58.3277**.

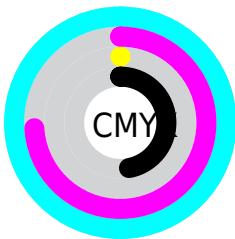
Distribution



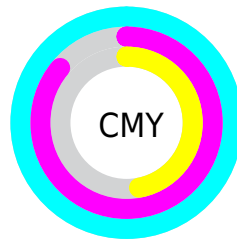
- Red (0%)
- Green (14%)
- Blue (53%)



- Red (0%)
- Yellow (11%)
- Blue (53%)



- Cyan (100%)
- Magenta (74%)
- Yellow (0%)
- Black (47%)



- Cyan (100%)
- Magenta (86%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.1794, 21.6196, -68.1433 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 17.1794, 21.6196, -68.1433 by changing the saturation by 10% instead.

■ 17.1794, 21.6196,
-68.1433

■ 17.1794, 21.6196,
-68.1433

■ 113.0011, 30.5408,
-68.8920

■ 10.5185, 20.0612,
-74.6850

■ 33.4060, 24.4185,
-64.8201

0.0000, INF, -NF

0.0000, NaN, -NF

■ 42.7688, 25.6139,
-64.7862

0.0000, NaN, -NF

■ 52.8724, 26.6849,
-65.1670

0.0000, NaN, -NF

■ 63.6661, 27.6431,
-65.7716

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 75.1083, 28.4992,
-66.4959

0.0000, NaN, NaN

■ 87.1640, 29.2624,

0.0000, NaN, NaN

-67.2795

99.8035, 29.9407,
-68.0858

17.1794, 21.6196,
-68.1433

17.1794, 21.6196,
-68.1433

17.1768, 21.6274,
-68.1569

19.2759, 17.0625,
-58.3277

21.7142, 12.9005,
-48.9812

24.4781, 9.3684,
-40.2728

27.5078, 6.4464,
-32.3421

30.7553, 4.0578,
-25.1660

■ 34.1836, 2.1144,
-18.6559

■ 37.7643, 0.5355,
-12.7075

■ 41.4758, -0.7465,
-7.2226

■ 45.3013, -1.7863,
-2.1166

Harmonies

Analogous

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



17.1795, -1.3092, -86.5518



17.1794, 21.6196, -68.1433



17.1795, 44.7036, -28.9129

Triad

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



17.1795, 21.6212, -68.1430



17.1795, 22.6260, 12.0257



17.1795, -25.1615, 1.3052

Complementary

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



17.1794, 21.6196, -68.1433



37.7745, 2.6535, 23.3221

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.



17.1795, -22.8230, 11.9033



17.1794, 21.6196, -68.1433



17.1795, -0.5224, 12.0257

Square

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



17.1795, 21.6212, -68.1430



17.1795, 45.4433, 11.6128



17.1795, -15.7152, 12.0257



17.1795, -22.9993, -27.3840

Rectangle

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



17.1794, 21.6196, -68.1433



17.1795, 53.6183, -7.0018



17.1795, -15.7152, 12.0257



17.1795, -24.8757, 6.2861

Sweetspot

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



17.1795, 21.6212, -68.1430



50.2023, 0.8479, -17.5297



42.6955, -29.0774, 9.4056



23.3043, 0.7620, -9.8123



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



17.1795, 21.6212, -68.1430



22.4839, 30.4598, -93.8569



14.3144, 36.7267, -85.4778



21.7403, -0.8894, -0.8028



16.5534, 20.5935, -65.1457



1.4119, 0.2024, -2.2015

Inverse Universe

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



22.9622, 39.8475, 10.7414



30.6894, 53.1889, 14.9283



44.9905, -21.9362, 27.3382



21.6958, 0.8531, 1.1685



22.0535, 38.2832, 10.2512



1.3380, 2.3996, 0.0256

Previews

White Background



This preview shows how the HunterLab color 17.1794, 21.6196, -68.1433 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 17.1794, 21.6196, -68.1433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

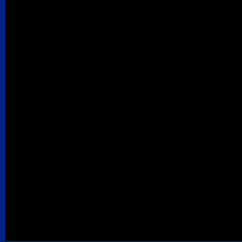
Any Text WCAG AA × Fail

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 17.1794, 21.6196, -68.1433 Background



This preview shows how black text looks on a background with the HunterLab color 17.1794, 21.6196, -68.1433.



This preview shows how white text looks on a background with the HunterLab color 17.1794, 21.6196, -68.1433.

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

17.1794, 21.6196, -68.1433

Protanopia

17.1847, 4.3786, -30.9315

Deuteranopia

17.3883, -1.4446, -18.6153



Tritanopia

17.4005, -8.8602, -2.6225

Trichromacy



Original Color

17.1794, 21.6196, -68.1433

Protanomaly

17.0880, 10.2554, -43.4970

Deuteranomaly

16.8998, 6.1950, -34.4966

Tritanomaly

16.6427, -0.2019, -20.3660

Monochromacy



Original Color

17.1794, 21.6196, -68.1433

Achromatopsia

13.2823, -0.7087, 0.7217

Achromatomaly

13.8268, 3.6098, -17.7065

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.1794, 21.6196, -68.1433 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(0, 35, 135)` looks like.

```
.text, #text, p{  
    color:rgb(0, 35, 135)  
}
```

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(0, 35, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 35, 135) }
```

Border

The CSS property to change the border of an element to HunterLab 17.1794, 21.6196, -68.1433 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(0, 35, 135) }
```


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

```
.border{ border-color:rgb(0, 35, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 35, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 35, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 35, 135);  
box-shadow:4px 4px 4px 4px rgb(0, 35, 135)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.1794, 21.6196, -68.1433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 35, 135) }
```

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

```
.background{ background-color: rgb(0, 35,  
135) }
```

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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