

Converting Colors

HunterLab(17.2890, 13.2557,
-47.9105)

Have a look what the booklet for
HunterLab(17.2890, 13.2557,
-47.9105) contains.

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Color

**HunterLab(17.2193, 13.4147,
-48.1702)**

Conversions

Conversions Part 1

Format	Color
Hex	0B2976
RGB	11, 41, 118
RGB Percent	4%, 16%, 46%
CMY	0.9568, 0.8392, 0.5373
CMYK	0.91, 0.65, 0.00, 0.54
HSL	223°, 83%, 25%
HSV	223°, 91%, 46%
XYZ	4.2010, 2.9650, 17.4905
YIQ	40.8080, -42.5970, 17.5870

Conversions

Conversions Part 2

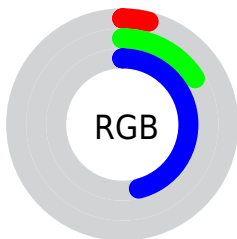
Format	Color
R_{YB}	11, 34, 118
Decimal	731510
CIE _{Lab}	19.90, 22.03, -46.82
CIE _{LCh}	20, 51.741, 295.198
Yxy	2.9651, 0.1704, 0.1203
Android (android.graphics.Color)	4278921590 (0xFF0B2976)
YUV	40.8080, 38.0557, -26.1416
Hunter-Lab	17.2193, 13.4147, -48.1702

Details

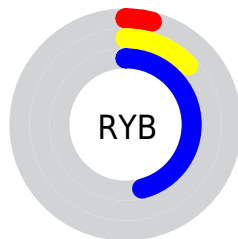
The HunterLab color **17.2193, 13.4147, -48.1702** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **32.9507, 2.0478, 19.7695**, and the grayscale version is **14.7202, -0.7854, 0.7998**.

A 20% lighter version of the original color is **33.4896, 15.0558, -47.3103**, and **6.5549, 17.7802, -46.5755** is the 20% darker color. If you saturate the color by 10%, you get **15.4913, 16.8596, -55.7579**, and if you desaturate by 10%, it is **19.3029, 10.0351, -40.5755**.

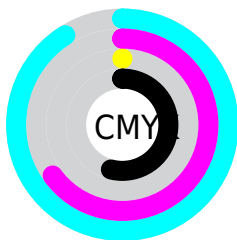
Distribution



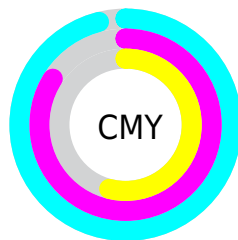
- Red (4%)
- Green (16%)
- Blue (46%)



- Red (4%)
- Yellow (13%)
- Blue (46%)



- Cyan (91%)
- Magenta (65%)
- Yellow (0%)
- Black (54%)



- Cyan (96%)
- Magenta (84%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.2193, 13.4147, -48.1702 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 17.2193, 13.4147, -48.1702 by changing the saturation by 10% instead.

■ 17.2193, 13.4147, -48.1702	■ 17.2193, 13.4147, -48.1702
■ 113.0759, 18.2833, -51.9956	■ 10.5524, 12.2611, -51.1547
■ 33.4559, 15.2466, -47.4141	0.0000, INF, -NF
■ 42.8230, 15.9594, -47.8545	0.0000, NaN, -NF
■ 52.9306, 16.5608, -48.4758	0.0000, NaN, -NF
■ 63.7280, 17.0641, -49.1768	0.0000, NaN, NaN
■ 75.1736, 17.4800, -49.9036	0.0000, NaN, NaN
■ 87.2327, 17.8174,	0.0000, NaN, NaN

-50.6261

■ 99.8754, 18.0832,
-51.3268

■ 17.2193, 13.4147,
-48.1702

■ 17.2193, 13.4147,
-48.1702

■ 15.4913, 16.8596,
-55.7579

■ 19.3029, 10.0351,
-40.5755

■ 21.6407, 7.1846,
-33.4975

■ 24.1888, 4.8367,
-27.0219

■ 26.9112, 2.9274,
-21.1279

■ 29.7796, 1.3861,
-15.7501

■ 32.7721, 0.1485,
-10.8117

■ 35.8719, -0.8396,
-6.2395

■ 39.0655, -1.6225,
-1.9695

■ 42.3422, -2.2355,
2.0520

Harmonies

Analogous

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



17.2195, -3.3048, -56.3985



17.2193, 13.4147, -48.1702



17.2195, 30.3515, -23.7685

Triad

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



17.2195, 13.4157, -48.1698



17.2195, 19.1989, 12.0536



17.2195, -21.4715, 3.1114

Complementary

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



17.2193, 13.4147, -48.1702



32.9507, 2.0478, 19.7695

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.



17.2195, -18.9797, 10.9016



17.2193, 13.4147, -48.1702



17.2195, 1.6027, 12.0536

Square

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



17.2195, 13.4157, -48.1698



17.2195, 34.4245, 9.0956



17.2195, -11.7036, 12.0536



17.2195, -20.2216, -15.6543

Rectangle

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



17.2193, 13.4147, -48.1702



17.2195, 37.5545, -7.8132



17.2195, -11.7036, 12.0536



17.2195, -21.0790, 6.6463

Sweetspot

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



17.2195, 13.4157, -48.1698



44.6732, -0.2272, -12.4742



37.0508, -24.5378, 7.7352



20.9168, 0.0657, -6.7506



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



17.2195, 13.4157, -48.1698



20.0479, 23.7642, -76.3582



13.7515, 28.5827, -64.9242



19.3433, -0.8469, -0.6327



16.0522, 17.7064, -58.2870



33.5879, 44.4931, -138.0298

Inverse Universe

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



20.6187, 33.0996, 7.2523



26.3550, 45.7923, 11.9251



39.2484, -17.5678, 23.3983



19.2774, 0.7309, 0.9943



20.6981, 36.0127, 8.9827



45.5503, 78.9781, 21.8992

Previews

White Background



This preview shows how the HunterLab color 17.2193, 13.4147, -48.1702 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 17.2193, 13.4147, -48.1702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

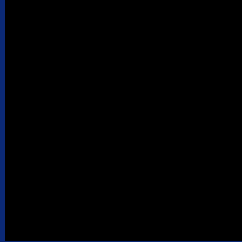
Any Text WCAG AA × Fail

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 17.2193, 13.4147, -48.1702 Background



This preview shows how black text looks on a background with the HunterLab color 17.2193, 13.4147, -48.1702.



This preview shows how white text looks on a background with the HunterLab color 17.2193, 13.4147, -48.1702.

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

17.2193, 13.4147, -48.1702

Protanopia

17.1286, 4.0881, -30.2343

Deuteranopia

17.1379, -1.0332, -19.1906



Tritanopia

17.1282, -8.5303, -2.9943

Trichromacy



Original Color

17.2193, 13.4147, -48.1702

Protanomaly

17.1557, 7.3300, -36.4251

Deuteranomaly

17.0936, 3.7555, -28.6280

Tritanomaly

16.6942, -1.8459, -16.0167

Monochromacy



Original Color

17.2193, 13.4147, -48.1702

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

15.1379, 1.8383, -12.6915

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.2193, 13.4147, -48.1702 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(11, 41, 118)` looks like.

```
.text, #text, p{  
    color:rgb(11, 41, 118)  
}
```

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(11, 41, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 41, 118) }
```

Border

The CSS property to change the border of an element to HunterLab 17.2193, 13.4147, -48.1702 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(11, 41, 118) }
```


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

```
.border{ border-color:rgb(11, 41, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 41, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 41, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 41, 118);  
box-shadow:4px 4px 4px 4px rgb(11, 41,  
118) }
```

Background

The CSS property to change the background color of an element to HunterLab 17.2193, 13.4147, -48.1702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 41, 118) }
```

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

```
.background{ background-color: rgb(11, 41,  
118) }
```

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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