

Converting Colors

HunterLab(17.4693, 13.3132,
-49.3215)

Have a look what the booklet for
HunterLab(17.4693, 13.3132,
-49.3215) contains.

HunterLab(17.4663, 13.3095, -49.3229)	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(17.4663, 13.3095,
-49.3229)**

Conversions

Conversions Part 1

Format	Color
Hex	062A78
RGB	6, 42, 120
RGB Percent	2%, 16%, 47%
CMY	0.9764, 0.8353, 0.5294
CMYK	0.95, 0.65, 0.00, 0.53
HSL	221°, 90%, 25%
HSV	221°, 95%, 47%
XYZ	4.2932, 3.0507, 18.1319
YIQ	40.1280, -46.4940, 16.6260

Conversions

Conversions Part 2

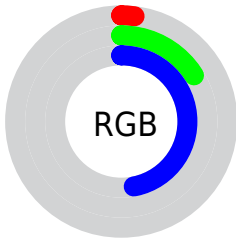
Format	Color
RYB	6, 33, 120
Decimal	404088
CIELab	20.25, 21.84, -47.54
CIElCh	20, 52.316, 294.671
Yxy	3.0508, 0.1685, 0.1198
Android (android.graphics.Color)	4278594168 (0xFF062A78)
YUV	40.1280, 39.3769, -29.9303
Hunter-Lab	17.4663, 13.3095, -49.3229

Details

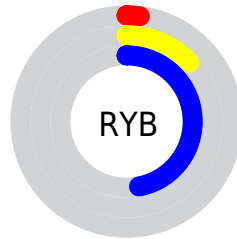
The HunterLab color **17.4663, 13.3095, -49.3229** is a dark color, and the websafe version is hex **003399**, and the color name is **catalina blue**. A complement of this color would be **32.1703, 4.4603, 19.5830**, and the grayscale version is **14.4969, -0.7735, 0.7876**.

A 20% lighter version of the original color is **33.7806, 14.9225, -48.3134**, and **6.7449, 18.2955, -47.9251** is the 20% darker color. If you saturate the color by 10%, you get **16.5375, 15.0931, -53.2521**, and if you desaturate by 10%, it is **19.4528, 9.9069, -41.9990**.

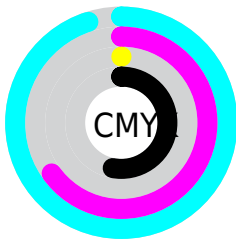
Distribution



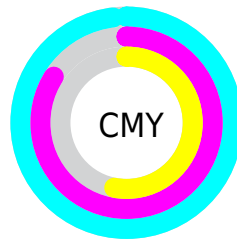
- Red (2%)
- Green (16%)
- Blue (47%)



- Red (2%)
- Yellow (13%)
- Blue (47%)



- Cyan (95%)
- Magenta (65%)
- Yellow (0%)
- Black (53%)



- Cyan (98%)
- Magenta (84%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.4663, 13.3095, -49.3229 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 17.4663, 13.3095, -49.3229 by changing the saturation by 10% instead.

■ 17.4663, 13.3095,
-49.3229

■ 17.4663, 13.3095,
-49.3229

■ 113.5377, 18.0689,
-53.0984

■ 10.7624, 12.1711,
-52.3728

■ 33.7638, 15.1116,
-48.5009

■ 1.6507, 57.5579,
-209.6624

■ 43.1572, 15.8109,
-48.9292

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 53.2893, 16.3997,
-49.5463

0.0000, NaN, NaN

■ 64.1095, 16.8912,
-50.2483

0.0000, NaN, NaN

■ 75.5767, 17.2960,
-50.9797

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 87.6562, 17.6227,

-51.7094

0.0000, NaN, NaN

100.3184, 17.8784,
-52.4192

17.4663, 13.3095,
-49.3229

17.4663, 13.3095,
-49.3229

16.5375, 15.0931,
-53.2521

19.4528, 9.9069,
-41.9990

21.6823, 7.0095,
-35.1069

24.1239, 4.6292,
-28.7264

26.7433, 2.7107,
-22.8682

29.5130, 1.1867,
-17.4911

■ 32.4110, -0.0072,
-12.5345

■ 35.4197, -0.9271,
-7.9354

■ 38.5255, -1.6196,
-3.6359

■ 41.7172, -2.1226,
0.4142

Harmonies

Analogous

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



17.4665, -3.6125, -57.2767



17.4663, 13.3095, -49.3229



17.4665, 30.5930, -24.6312

Triad

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



17.4665, 13.3106, -49.3225



17.4665, 19.8299, 12.2265



17.4665, -21.7890, 3.3816

Complementary

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



17.4663, 13.3095, -49.3229



32.1703, 4.4603, 19.5830

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.



17.4665, -19.1889, 11.1219



17.4663, 13.3095, -49.3229



17.4665, 1.9187, 12.2265

Square

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



17.4665, 13.3106, -49.3225



17.4665, 35.1849, 9.1247



17.4665, -11.7028, 12.2265



17.4665, -20.5878, -15.4810

Rectangle

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



17.4663, 13.3095, -49.3229



17.4665, 38.0465, -8.3144



17.4665, -11.7028, 12.2265



17.4665, -21.3691, 6.9024

Sweetspot

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



17.4665, 13.3106, -49.3225



45.4823, -0.8166, -12.7294



37.5638, -25.8763, 9.4858



21.4499, -0.1834, -7.2588



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



17.4665, 13.3106, -49.3225



21.4258, 21.3680, -72.9078



13.1090, 30.2341, -71.7615



20.2015, -0.9687, -0.6093



17.2044, 15.9453, -55.9253



35.7071, 39.9354, -130.8399

Inverse Universe

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



20.7143, 34.6609, 7.1012



26.9180, 46.9249, 10.9820



40.1306, -17.2696, 24.1708



20.0847, 0.8065, 0.9587



21.2266, 37.0552, 8.2580



46.2107, 80.3809, 20.2195

Previews

White Background



This preview shows how the HunterLab color 17.4663, 13.3095, -49.3229 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 17.4663, 13.3095, -49.3229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

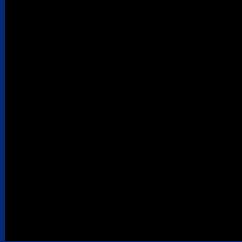
Any Text WCAG AA × Fail

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 17.4663, 13.3095, -49.3229 Background



This preview shows how black text looks on a background with the HunterLab color 17.4663, 13.3095, -49.3229.



This preview shows how white text looks on a background with the HunterLab color 17.4663, 13.3095, -49.3229.

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

17.4663, 13.3095, -49.3229

Protanopia

17.4742, 4.2116, -30.9330

Deuteranopia

17.4343, -1.1917, -19.2187



Tritanopia

17.4295, -8.6886, -3.0291

Trichromacy



Original Color

17.4663, 13.3095, -49.3229

Protanomaly

17.4631, 7.3492, -37.2789

Deuteranomaly

17.3455, 3.4673, -28.7492

Tritanomaly

16.9947, -1.8982, -16.7196

Monochromacy



Original Color

17.4663, 13.3095, -49.3229

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

15.0414, 1.5183, -12.8982

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.4663, 13.3095, -49.3229 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, 42, 120)` looks like.

```
.text, #text, p{  
    color:rgb(6, 42, 120)  
}
```

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, 42, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 42, 120) }
```

Border

The CSS property to change the border of an element to HunterLab 17.4663, 13.3095, -49.3229 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, 42, 120) }
```


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

```
.border{ border-color:rgb(6, 42, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 42, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 42, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 42, 120);  
box-shadow:4px 4px 4px 4px rgb(6, 42, 120)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.4663, 13.3095, -49.3229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 42, 120) }
```

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

```
.background{ background-color: rgb(6, 42,  
120) }
```

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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