

Converting Colors

HunterLab(22.9986, -14.0421,
-71.0884)

Have a look what the booklet for
HunterLab(22.9986, -14.0421,
-71.0884) contains.

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Color

**HunterLab(28.7063, 6.5149,
-49.9442)**

Conversions

Conversions Part 1

Format	Color
Hex	00509F
RGB	0, 80, 159
RGB Percent	0%, 31%, 62%
CMY	0.9999, 0.6863, 0.3765
CMYK	1.00, 0.50, 0.00, 0.38
HSL	210°, 100%, 31%
HSV	210°, 100%, 62%
XYZ	9.1267, 8.2405, 33.9104
YIQ	65.0860, -73.0390, 7.6090

Conversions

Conversions Part 2

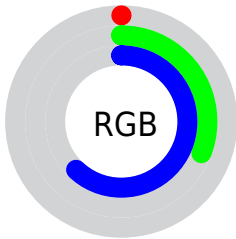
Format	Color
R_{YB}	0, 53, 159
Decimal	20639
CIE _{Lab}	34.48, 11.38, -48.53
CIE _{LCh}	34, 49.851, 283.197
Yxy	8.2407, 0.1780, 0.1607
Android (android.graphics.Color)	4278210719 (0xFF00509F)
YUV	65.0860, 46.2996, -57.0804
Hunter-Lab	28.7063, 6.5149, -49.9442

Details

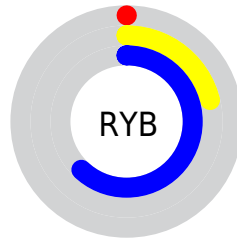
The HunterLab color **28.7063, 6.5149, -49.9442** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **36.0095, 21.7298, 22.5680**, and the grayscale version is **22.8861, -1.2211, 1.2434**.

A 20% lighter version of the original color is **47.4700, 6.5183, -50.0944**, and **15.4424, 11.2990, -43.6929** is the 20% darker color. If you saturate the color by 10%, you get **28.7031, 6.5214, -49.9542**, and if you desaturate by 10%, it is **30.9451, 3.2525, -43.7207**.

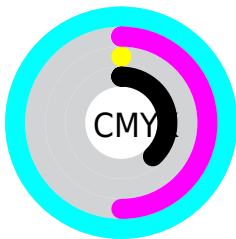
Distribution



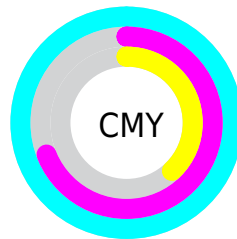
- Red (0%)
- Green (31%)
- Blue (62%)



- Red (0%)
- Yellow (21%)
- Blue (62%)



- Cyan (100%)
- Magenta (50%)
- Yellow (0%)
- Black (38%)



- Cyan (100%)
- Magenta (69%)
- Yellow (38%)
- Black (3%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.7063, 6.5149, -49.9442 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 28.7063, 6.5149, -49.9442 by changing the saturation by 10% instead.

■ 28.7063, 6.5149,
-49.9442

■ 28.7063, 6.5149,
-49.9442

■ 133.2697, 5.8722,
-55.5217

■ 20.6140, 6.1988,
-50.4232

■ 47.3593, 6.8434,
-50.6356

■ 13.4685, 5.7484,
-52.4572

■ 57.7882, 6.8833,
-51.2900

■ 7.0419, 6.6663,
-62.6113

■ 68.8869, 6.8539,
-52.0107

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 80.6172, 6.7623,
-52.7515

0.0000, NaN, -NF

■ 92.9468, 6.6141,
-53.4859

0.0000, NaN, NaN

■ 105.8478, 6.4140,

0.0000, NaN, NaN

-54.1980

0.0000, NaN, NaN

119.2959, 6.1656,
-54.8784

■ 28.7063, 6.5149,
-49.9442

■ 28.7063, 6.5149,
-49.9442

■ 28.7031, 6.5214,
-49.9542

■ 30.9451, 3.2525,
-43.7207

■ 33.3726, 0.5043,
-37.7017

■ 36.0085, -1.6220,
-31.8489

■ 38.8358, -3.1602,
-26.2018

■ 41.8363, -4.1634,
-20.7789

■ 44.9927, -4.6913,
-15.5821

■ 48.2891, -4.8024,
-10.6021

■ 51.7116, -4.5503,
-5.8233

■ 55.2481, -3.9826,
-1.2269

Harmonies

Analogous

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



28.7067, -10.5836, -48.6926



28.7063, 6.5149, -49.9442



28.7067, 25.1624, -32.6947

Triad

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



28.7067, 6.5159, -49.9435



28.7067, 27.1734, 15.9309



28.7067, -27.0647, 9.3281

Complementary

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



28.7063, 6.5149, -49.9442



36.0095, 21.7298, 22.5680

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.



28.7067, -21.0417, 16.4330



28.7063, 6.5149, -49.9442



28.7067, 8.7990, 18.4016

Square

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



28.7067, 6.5159, -49.9435



28.7067, 38.8685, 7.9234



28.7067, -8.7829, 18.5189



28.7067, -27.3953, -6.6995

Rectangle

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



28.7063, 6.5149, -49.9442



28.7067, 34.8723, -16.8248



28.7067, -8.7829, 18.5189



28.7067, -25.7186, 12.5325

Sweetspot

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



28.7067, 6.5159, -49.9435



64.3589, -6.4322, -14.5718



50.3294, -39.3695, 22.0820



29.7186, -3.0500, -8.1627



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



28.7067, 6.5159, -49.9435



37.9012, 9.7262, -68.3692



16.0046, 42.1157, -110.9142



26.3799, -1.8671, -0.4243



25.6726, 5.4792, -43.9166



4.4993, -1.0532, -3.3502

Inverse Universe

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



28.1970, 50.3371, 2.2978



37.6806, 67.1766, 3.8258



55.9159, -14.0688, 34.2080



25.8825, 1.3627, 0.6739



25.0750, 44.7991, 1.8046



3.4780, 6.4411, -1.5120

Previews

White Background



This preview shows how the HunterLab color 28.7063, 6.5149, -49.9442 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 28.7063, 6.5149, -49.9442 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 28.7063, 6.5149, -49.9442 Background



This preview shows how black text looks on a background with the HunterLab color 28.7063, 6.5149, -49.9442.



This preview shows how white text looks on a background with the HunterLab color 28.7063, 6.5149, -49.9442.

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

28.7063, 6.5149, -49.9442

Protanopia

28.9545, 8.3577, -47.3301

Deuteranopia

28.6895, 0.8377, -37.6676



Tritanopia

28.5602, -13.9339, -5.6186

Trichromacy



Original Color

28.7063, 6.5149, -49.9442

Protanomaly

28.6900, 7.6443, -49.0366

Deuteranomaly

28.6995, 2.7815, -41.8764

Tritanomaly

28.2621, -7.4105, -19.3282

Monochromacy



Original Color

28.7063, 6.5149, -49.9442

Achromatopsia

22.9914, -1.2268, 1.2492

Achromatomaly

23.9846, -2.1065, -14.4382

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.7063, 6.5149, -49.9442 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, 80, 159)` looks like.

```
.text, #text, p{  
    color:rgb(0, 80, 159)  
}
```

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, 80, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 80, 159) }
```

Border

The CSS property to change the border of an element to HunterLab 28.7063, 6.5149, -49.9442 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, 80, 159) }
```


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

```
.border{ border-color:rgb(0, 80, 159) }
```

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

Here you see how a box with a 4 pixel rgb(0, 80, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 80, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 80, 159);  
box-shadow:4px 4px 4px 4px rgb(0, 80, 159)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.7063, 6.5149, -49.9442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 80, 159) }
```

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

```
.background{ background-color: rgb(0, 80,  
159) }
```

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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