

Converting Colors

HunterLab(28.2072, 6.6209,
-49.5491)

Have a look what the booklet for
HunterLab(28.2072, 6.6209,
-49.5491) contains.

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Color

**HunterLab(28.3307, 6.3817,
-49.1872)**

Conversions

Conversions Part 1

Format	Color
Hex	004F9D
RGB	0, 79, 157
RGB Percent	0%, 31%, 62%
CMY	0.9999, 0.6902, 0.3843
CMYK	1.00, 0.50, 0.00, 0.38
HSL	210°, 100%, 31%
HSV	210°, 100%, 62%
XYZ	8.8818, 8.0263, 32.9794
YIQ	64.2710, -72.1220, 7.5100

Conversions

Conversions Part 2

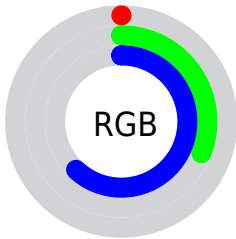
Format	Color
RYB	0, 53, 157
Decimal	20381
CIELab	34.04, 11.22, -48.04
CIELCh	34, 49.335, 283.141
Yxy	8.0265, 0.1780, 0.1609
Android (android.graphics.Color)	4278210461 (0xFF004F9D)
YUV	64.2710, 45.7154, -56.3657
Hunter-Lab	28.3307, 6.3817, -49.1872

Details

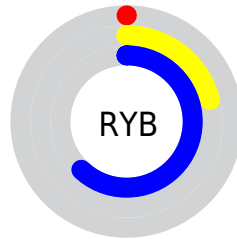
The HunterLab color **28.3307, 6.3817, -49.1872** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **35.5255, 21.3941, 22.2640**, and the grayscale version is **22.6037, -1.2061, 1.2281**.

A 20% lighter version of the original color is **46.7584, 6.8125, -50.0492**, and **15.1052, 11.1523, -42.9549** is the 20% darker color. If you saturate the color by 10%, you get **28.3276, 6.3880, -49.1968**, and if you desaturate by 10%, it is **30.5391, 3.1767, -43.0554**.

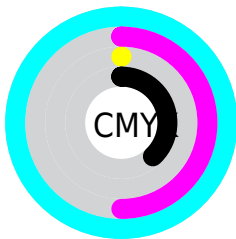
Distribution



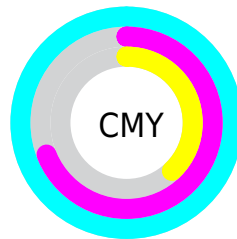
- Red (0%)
- Green (31%)
- Blue (62%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.3307, 6.3817, -49.1872 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 28.3307, 6.3817, -49.1872 by changing the saturation by 10% instead.

■ 28.3307, 6.3817,
-49.1872

■ 28.3307, 6.3817,
-49.1872

■ 132.6423, 5.6953,
-54.7413

■ 20.2778, 6.0704,
-49.6626

■ 46.9152, 6.7000,
-49.8848

■ 13.1771, 5.6243,
-51.7082

■ 57.3136, 6.7349,
-50.5390

■ 6.6861, 6.9530,
-63.3153

■ 68.3836, 6.7005,
-51.2576

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 80.0867, 6.6040,
-51.9949

0.0000, NaN, -NF

■ 92.3905, 6.4510,
-52.7244

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.2668, 6.2462,

-53.4309

0.0000, NaN, NaN

118.6912, 5.9932,
-54.1050

■ 28.3307, 6.3817,
-49.1872

■ 28.3307, 6.3817,
-49.1872

■ 28.3276, 6.3880,
-49.1968

■ 30.5391, 3.1767,
-43.0554

■ 32.9323, 0.4751,
-37.1278

■ 35.5303, -1.6146,
-31.3642

■ 38.3166, -3.1258,
-25.8030

■ 41.2732, -4.1110,
-20.4626

■ 44.3831, -4.6288,
-15.3445

■ 47.6308, -4.7366,
-10.4397

■ 51.0026, -4.4871,
-5.7327

■ 54.4864, -3.9270,
-1.2052

Harmonies

Analogous

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



28.3311, -10.4583, -47.9176



28.3307, 6.3817, -49.1872



28.3311, 24.7530, -32.2340

Triad

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



28.3311, 6.3827, -49.1865



28.3311, 26.7945, 15.7014



28.3311, -26.6736, 9.2160

Complementary

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



28.3307, 6.3817, -49.1872



35.5255, 21.3941, 22.2640

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.



28.3311, -20.7238, 16.2124



28.3307, 6.3817, -49.1872



28.3311, 8.7010, 18.1533

Square

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



28.3311, 6.3827, -49.1865



28.3311, 38.2929, 7.7885



28.3311, -8.6291, 18.2745



28.3311, -27.0098, -6.5592

Rectangle

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



28.3307, 6.3817, -49.1872



28.3311, 34.3257, -16.6112



28.3311, -8.6291, 18.2745



28.3311, -25.3427, 12.3708

Sweetspot

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



28.3311, 6.3827, -49.1865



63.4786, -6.3441, -14.3531



49.6333, -38.8168, 21.7589



28.9745, -2.9726, -7.9206



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



28.3311, 6.3827, -49.1865



37.3996, 9.5449, -67.3510



15.7856, 41.5204, -109.3555



26.3800, -1.8672, -0.4242



25.6741, 5.4763, -43.9122



4.4995, -1.0534, -3.3499

Inverse Universe

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



27.8087, 49.6480, 2.2334



37.1609, 66.2545, 3.7385



55.1420, -13.8750, 33.7346



25.8825, 1.3627, 0.6737



25.0752, 44.7997, 1.8024



3.4780, 6.4412, -1.5122

Previews

White Background



This preview shows how the HunterLab color 28.3307, 6.3817, -49.1872 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 28.3307, 6.3817, -49.1872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

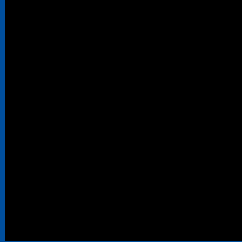
Any Text WCAG AA × Fail

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 28.3307, 6.3817, -49.1872 Background



This preview shows how black text looks on a background with the HunterLab color 28.3307, 6.3817, -49.1872.



This preview shows how white text looks on a background with the HunterLab color 28.3307, 6.3817, -49.1872.

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

28.3307, 6.3817, -49.1872

Protanopia

28.5577, 8.1567, -46.6422

Deuteranopia

28.3156, 0.7229, -36.9526



Tritanopia

28.2329, -13.7623, -5.5799

Trichromacy



Original Color

28.3307, 6.3817, -49.1872

Protanomaly

28.3190, 7.5236, -48.2687

Deuteranomaly

28.3249, 2.6598, -41.1453

Tritanomaly

27.9374, -7.2419, -19.2861

Monochromacy



Original Color

28.3307, 6.3817, -49.1872

Achromatopsia

22.6428, -1.2082, 1.2302

Achromatomaly

23.6844, -1.9017, -14.3658

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.3307, 6.3817, -49.1872 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, 79, 157)` looks like.

```
.text, #text, p{  
    color:rgb(0, 79, 157)  
}
```

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, 79, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 79, 157) }
```

Border

The CSS property to change the border of an element to HunterLab 28.3307, 6.3817, -49.1872 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, 79, 157) }
```


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

```
.border{ border-color:rgb(0, 79, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 79, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 79, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 79, 157);  
box-shadow:4px 4px 4px 4px rgb(0, 79, 157)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.3307, 6.3817, -49.1872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 79, 157) }
```

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

```
.background{ background-color: rgb(0, 79,  
157) }
```

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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