

Converting Colors

HunterLab(27.2053, 6.1136,
-47.2018)

Have a look what the booklet for
HunterLab(27.2053, 6.1136,
-47.2018) contains.

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Color

**HunterLab(27.2089, 5.9848,
-46.9282)**

Conversions

Conversions Part 1

Format	Color
Hex	004C97
RGB	0, 76, 151
RGB Percent	0%, 30%, 59%
CMY	0.9999, 0.7020, 0.4078
CMYK	1.00, 0.50, 0.00, 0.41
HSL	210°, 100%, 30%
HSV	210°, 100%, 59%
XYZ	8.1703, 7.4032, 30.2765
YIQ	61.8260, -69.3710, 7.2130

Conversions

Conversions Part 2

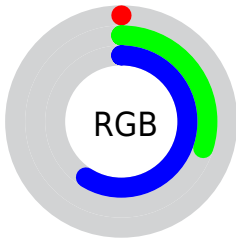
Format	Color
RYB	0, 51, 151
Decimal	19607
CIELab	32.71, 10.72, -46.56
CIELCh	33, 47.779, 282.966
Yxy	7.4034, 0.1782, 0.1615
Android (android.graphics.Color)	4278209687 (0xFF004C97)
YUV	61.8260, 43.9628, -54.2214
Hunter-Lab	27.2089, 5.9848, -46.9282

Details

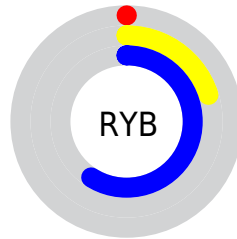
The HunterLab color **27.2089, 5.9848, -46.9282** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **34.0805, 20.3918, 21.3560**, and the grayscale version is **21.7602, -1.1611, 1.1823**.

A 20% lighter version of the original color is **45.5591, 6.4843, -47.8043**, and **14.1017, 10.7140, -40.7543** is the 20% darker color. If you saturate the color by 10%, you get **27.2060, 5.9906, -46.9371**, and if you desaturate by 10%, it is **29.3266, 2.9512, -41.0698**.

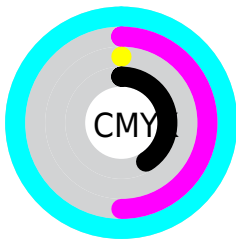
Distribution



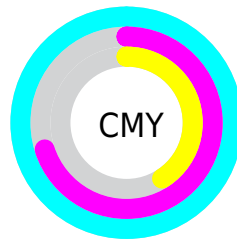
- Red (0%)
- Green (30%)
- Blue (59%)



- Red (0%)
- Yellow (20%)
- Blue (59%)



- Cyan (100%)
- Magenta (50%)
- Yellow (0%)
- Black (41%)



- Cyan (100%)
- Magenta (70%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.2089, 5.9848, -46.9282 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 27.2089, 5.9848, -46.9282 by changing the saturation by 10% instead.

■ 27.2089, 5.9848,
-46.9282

■ 27.2089, 5.9848,
-46.9282

■ 130.7575, 5.1651,
-52.4079

■ 19.2761, 5.6883,
-47.3925

■ 45.5855, 6.2720,
-47.6442

■ 12.3118, 5.2555,
-49.4753

■ 55.8912, 6.2913,
-48.2974

■ 5.4756, 8.2392,
-68.3233

■ 66.8743, 6.2417,
-49.0093

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 78.4952, 6.1303,
-49.7352

0.0000, NaN, NaN

■ 90.7208, 5.9627,
-50.4498

0.0000, NaN, NaN

■ 103.5224, 5.7436,

0.0000, NaN, NaN

-51.1386

0.0000, NaN, NaN

116.8753, 5.4766,
-51.7929

■ 27.2089, 5.9848,
-46.9282

■ 27.2089, 5.9848,
-46.9282

■ 27.2060, 5.9906,
-46.9371

■ 29.3266, 2.9512,
-41.0698

■ 31.6171, 0.3887,
-35.4151

■ 34.1022, -1.5920,
-29.9175

■ 36.7660, -3.0230,
-24.6130

■ 39.5916, -3.9545,
-19.5185

■ 42.5629, -4.4419,
-14.6353

■ 45.6651, -4.5398,
-9.9548

■ 48.8853, -4.2981,
-5.4623

■ 52.2120, -3.7610,
-1.1404

Harmonies

Analogous

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



27.2093, -10.0837, -45.6058



27.2089, 5.9848, -46.9282



27.2093, 23.5317, -30.8585

Triad

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



27.2093, 5.9857, -46.9275



27.2093, 25.6628, 15.0156



27.2093, -25.5060, 8.8811

Complementary

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



27.2089, 5.9848, -46.9282



34.0805, 20.3918, 21.3560

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.



27.2093, -19.7745, 15.5536



27.2089, 5.9848, -46.9282



27.2093, 8.4081, 17.4149

Square

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



27.2093, 5.9857, -46.9275



27.2093, 36.5745, 7.3860



27.2093, -8.1701, 17.5486



27.2093, -25.8585, -6.1414

Rectangle

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



27.2089, 5.9848, -46.9282



27.2093, 32.6951, -15.9730



27.2093, -8.1701, 17.5486



27.2093, -24.2202, 11.8878

Sweetspot

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



27.2093, 5.9857, -46.9275



60.8500, -6.0811, -13.7004



47.5547, -37.1665, 20.7944



28.2345, -2.8969, -7.6785



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



27.2093, 5.9857, -46.9275



35.9015, 9.0047, -64.3123



15.1317, 39.7427, -104.7006



25.5230, -1.8049, -0.4005



25.2069, 5.3062, -42.9610



4.0951, -1.0343, -2.8859

Inverse Universe

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



26.6489, 47.5902, 2.0416



35.6090, 63.5010, 3.4784



52.8312, -13.2965, 32.3208



25.0438, 1.3042, 0.6552



24.5901, 43.9394, 1.7186



3.1263, 5.8037, -1.4662

Previews

White Background



This preview shows how the HunterLab color 27.2089, 5.9848, -46.9282 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 27.2089, 5.9848, -46.9282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

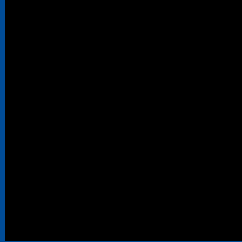
Any Text WCAG AA × Fail

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 27.2089, 5.9848, -46.9282 Background



This preview shows how black text looks on a background with the HunterLab color 27.2089, 5.9848, -46.9282.



This preview shows how white text looks on a background with the HunterLab color 27.2089, 5.9848, -46.9282.

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

27.2089, 5.9848, -46.9282

Protanopia

27.4325, 7.7447, -44.4147

Deuteranopia

27.1995, 0.3826, -34.8228



Tritanopia

27.2230, -13.4384, -5.0168

Trichromacy



Original Color

27.2089, 5.9848, -46.9282

Protanomaly

27.1912, 7.1012, -46.0368

Deuteranomaly

27.2062, 2.2979, -38.9659

Tritanomaly

26.8828, -7.2190, -18.0174

Monochromacy



Original Color

27.2089, 5.9848, -46.9282

Achromatopsia

21.9481, -1.1711, 1.1925

Achromatomaly

22.9212, -2.2315, -13.3074

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.2089, 5.9848, -46.9282 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, 76, 151)` looks like.

```
.text, #text, p{  
    color:rgb(0, 76, 151)  
}
```

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, 76, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 76, 151) }
```

Border

The CSS property to change the border of an element to HunterLab 27.2089, 5.9848, -46.9282 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, 76, 151) }
```


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

```
.border{ border-color:rgb(0, 76, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 76, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 76, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 76, 151);  
box-shadow:4px 4px 4px 4px rgb(0, 76, 151)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 27.2089, 5.9848, -46.9282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 76, 151) }
```

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

```
.background{ background-color: rgb(0, 76,  
151) }
```

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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