

Converting Colors

HunterLab(47.2707, -4.2525,
-49.9044)

Have a look what the booklet for
HunterLab(47.2707, -4.2525,
-49.9044) contains.

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Color

HunterLab(47.3418, -4.3683,
-49.7432)

Conversions

Conversions Part 1

Format	Color
Hex	0088D5
RGB	0, 136, 213
RGB Percent	0%, 53%, 84%
CMY	0.9998, 0.4667, 0.1647
CMYK	1.00, 0.36, 0.00, 0.16
HSL	202°, 100%, 42%
HSV	202°, 100%, 84%
XYZ	20.8144, 22.4125, 66.1799
YIQ	104.1140, -105.7730, -4.8850

Conversions

Conversions Part 2

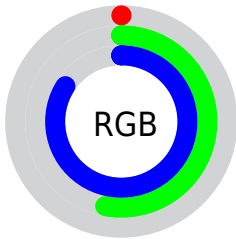
Format	Color
R _Y B	0, 83, 213
Decimal	35029
CIE Lab	54.46, -2.34, -47.93
CIE LCh	54, 47.985, 267.210
Yxy	22.4132, 0.1903, 0.2049
Android (android.graphics.Color)	4278225109 (0xFF0088D5)
YUV	104.1140, 53.6808, -91.3080
Hunter-Lab	47.3418, -4.3683, -49.7432

Details

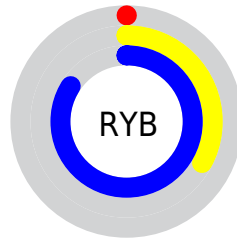
The HunterLab color **47.3418, -4.3683, -49.7432** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **44.1149, 44.5853, 27.9620**, and the grayscale version is **37.0877, -1.9789, 2.0150**.

A 20% lighter version of the original color is **68.1043, -10.1118, -40.5748**, and **30.4713, 2.7931, -44.1159** is the 20% darker color. If you saturate the color by 10%, you get **47.3367, -4.3597, -49.7553**, and if you desaturate by 10%, it is **49.8238, -7.4588, -44.3411**.

Distribution



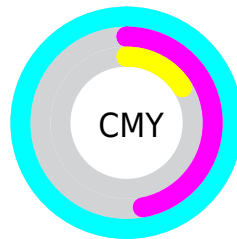
- Red (0%)
- Green (53%)
- Blue (84%)



- Red (0%)
- Yellow (33%)
- Blue (84%)



- Cyan (100%)
- Magenta (36%)
- Yellow (0%)
- Black (16%)



- Cyan (100%)
- Magenta (47%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.3418, -4.3683, -49.7432 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 47.3418, -4.3683, -49.7432 by changing the saturation by 10% instead.

■ 47.3418, -4.3683,
-49.7432

■ 47.3418, -4.3683,
-49.7432

162.6949,
-11.4766, -55.7327

■ 37.6308, -3.7111,
-49.2251

■ 68.8679, -5.7654,
-51.1213

■ 28.6925, -3.0839,
-49.0085

■ 80.5972, -6.5055,
-51.8578

■ 20.6013, -2.4858,
-49.4335

■ 92.9258, -7.2720,
-52.5853

■ 13.4575, -1.9156,
-51.3564

■ 105.8258, -8.0642,
-53.2889

■ 7.0288, -1.8234,
-61.2214

■ 119.2731, -8.8815,
-53.9596

0.0000, NaN, -NF

0.0000, NaN, -NF

133.2460, -9.7230,

-54.5922

0.0000, NaN, -NF

147.7257,
-10.5882, -55.1837

0.0000, NaN, NaN

■ 47.3418, -4.3683,
-49.7432

■ 47.3418, -4.3683,
-49.7432

■ 47.3367, -4.3597,
-49.7553

■ 49.8238, -7.4588,
-44.3411

■ 52.5110, -9.8899,
-38.8944

■ 55.4306, -11.5446,
-33.3805

■ 58.5786, -12.4280,
-27.8376

■ 61.9450, -12.5772,
-22.3031

■ 65.5169, -12.0462,
-16.8079

■ 69.2803, -10.8965,
-11.3743

■ 73.2211, -9.1905,
-6.0165

■ 77.3259, -6.9885,
-0.7427

Harmonies

Analogous

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



47.3425, -21.4321, -39.0955



47.3418, -4.3683, -49.7432



47.3425, 16.1670, -42.2686

Triad

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



47.3425, -4.3674, -49.7421



47.3425, 36.3085, 16.3258



47.3425, -30.4702, 18.2935

Complementary

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



47.3418, -4.3683, -49.7432



44.1149, 44.5853, 27.9620

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.



47.3425, -18.7091, 24.7956



47.3418, -4.3683, -49.7432



47.3425, 19.9030, 24.0315

Square

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



47.3425, -4.3674, -49.7421



47.3425, 41.8126, 0.7801



47.3425, -0.6613, 26.3554



47.3425, -34.8687, 4.3060

Rectangle

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



47.3418, -4.3683, -49.7432



47.3425, 28.7735, -29.2156



47.3425, -0.6613, 26.3554



47.3425, -27.3524, 21.1678

Sweetspot

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



47.3425, -4.3674, -49.7421



84.7749, -13.4164, -14.1639



69.3481, -56.8789, 36.1088



38.3003, -6.5208, -7.8613

0.0000, NaN, NaN



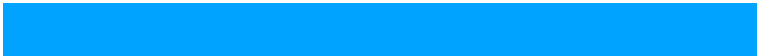
46.2646, -2.4686, 2.5136

Same Dimension

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



47.3425, -4.3674, -49.7421



57.7424, -4.8756, -61.6481



24.1602, 50.2739, -138.7175



36.4931, -3.2249, -0.2138



37.2659, -3.8430, -38.2832



9.9609, -2.1978, -7.7059

Inverse Universe

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



39.9061, 72.7877, -8.7431



48.8846, 89.1106, -10.2271



68.7153, -6.0141, 42.2355



35.4301, 2.2510, 0.2975



31.2199, 57.0065, -7.2800



7.7684, 14.3630, -3.1918

Previews

White Background



This preview shows how the HunterLab color 47.3418, -4.3683, -49.7432 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 47.3418, -4.3683, -49.7432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

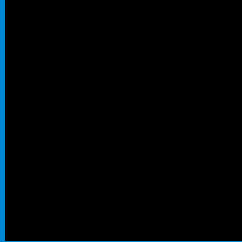
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 47.3418, -4.3683, -49.7432 Background



This preview shows how black text looks on a background with the HunterLab color 47.3418, -4.3683, -49.7432.



This preview shows how white text looks on a background with the HunterLab color 47.3418, -4.3683, -49.7432.

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

47.3418, -4.3683, -49.7432

Protanopia

47.2185, 7.5820, -43.2949

Deuteranopia

47.2400, 4.3200, -50.6615



Tritanopia

47.2013, -22.8291, -9.7161

Trichromacy



Original Color

47.3418, -4.3683, -49.7432

Protanomaly

46.4858, 1.1387, -47.4471

Deuteranomaly

46.8892, 0.2015, -51.5471

Tritanomaly

47.0584, -16.8718, -22.3975

Monochromacy



Original Color

47.3418, -4.3683, -49.7432

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

39.5761, -8.2509, -15.2868

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.3418, -4.3683, -49.7432 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, 136, 213)` looks like.

```
.text, #text, p{  
    color:rgb(0, 136, 213)  
}
```

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, 136, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 136, 213) }
```

Border

The CSS property to change the border of an element to HunterLab 47.3418, -4.3683, -49.7432 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, 136, 213) }
```


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

```
.border{ border-color:rgb(0, 136, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 136, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 136, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 136, 213);  
box-shadow:4px 4px 4px 4px rgb(0, 136,  
213) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.3418, -4.3683, -49.7432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 136, 213) }
```

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

```
.background{ background-color: rgb(0, 136,  
213) }
```

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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