

Converting Colors

HunterLab(44.4489, -5.6574,
-66.7784)

Have a look what the booklet for
HunterLab(44.4489, -5.6574,
-66.7784) contains.

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Color

**HunterLab(46.4913, 1.4599,
-61.2616)**

Conversions

Conversions Part 1

Format	Color
Hex	0083E0
RGB	0, 131, 224
RGB Percent	0%, 51%, 88%
CMY	0.9998, 0.4863, 0.1216
CMYK	1.00, 0.42, 0.00, 0.12
HSL	205°, 100%, 44%
HSV	205°, 100%, 88%
XYZ	21.5708, 21.6144, 73.5561
YIQ	102.4330, -107.9290, 1.1510

Conversions

Conversions Part 2

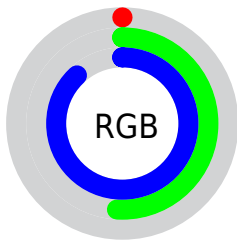
Format	Color
RYB	0, 83, 224
Decimal	33760
CIELab	53.62, 4.92, -55.46
CIELCh	54, 55.679, 275.070
Yxy	21.6150, 0.1848, 0.1851
Android (android.graphics.Color)	4278223840 (0xFF0083E0)
YUV	102.4330, 59.9325, -89.8337
Hunter-Lab	46.4913, 1.4599, -61.2616

Details

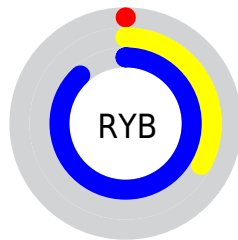
The HunterLab color **46.4913, 1.4599, -61.2616** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **48.6684, 41.9530, 30.7217**, and the grayscale version is **36.4313, -1.9439, 1.9794**.

A 20% lighter version of the original color is **66.3551, -6.6560, -43.7632**, and **30.0228, 7.8731, -54.5216** is the 20% darker color. If you saturate the color by 10%, you get **46.4848, 1.4716, -61.2786**, and if you desaturate by 10%, it is **49.3989, -2.5509, -54.2471**.

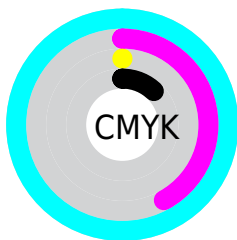
Distribution



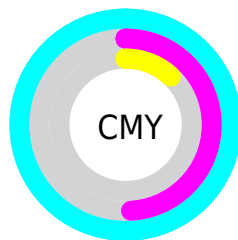
- Red (0%)
- Green (51%)
- Blue (88%)



- Red (0%)
- Yellow (33%)
- Blue (88%)



- Cyan (100%)
- Magenta (42%)
- Yellow (0%)
- Black (12%)



- Cyan (100%)
- Magenta (49%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.4913, 1.4599, -61.2616 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 46.4913, 1.4599, -61.2616 by changing the saturation by 10% instead.

■ 46.4913, 1.4599,
-61.2616

■ 46.4913, 1.4599,
-61.2616

■ 161.4092, -2.7035,
-67.7622

■ 36.8433, 1.6921,
-61.0070

■ 67.9036, 0.8320,
-62.4804

■ 27.9736, 1.8576,
-61.2949

■ 79.5807, 0.4445,
-63.2384

■ 19.9582, 1.9463,
-62.6816

■ 91.8597, 0.0136,
-64.0265

■ 12.9005, 1.9406,
-66.5807

■ 104.7123, -0.4578,
-64.8180

■ 6.3272, 3.0507,
-86.3404

■ 118.1141, -0.9672,
-65.5961

0.0000, NaN, -NF

0.0000, NaN, -NF

132.0434, -1.5125,

-66.3503

0.0000, NaN, -NF

146.4808, -2.0917,
-67.0738

0.0000, NaN, NaN

■ 46.4913, 1.4599,
-61.2616

■ 46.4913, 1.4599,
-61.2616

■ 46.4848, 1.4716,
-61.2786

■ 49.3989, -2.5509,
-54.2471

■ 52.5581, -5.8002,
-47.2698

■ 55.9900, -8.1769,
-40.3203

■ 59.6836, -9.7008,
-33.4495

■ 63.6219, -10.4264,
-26.6988

■ 67.7864, -10.4245,
-20.0951

■ 72.1584, -9.7703,
-13.6524

■ 76.7202, -8.5373,
-7.3744

■ 81.4555, -6.7938,
-1.2578

Harmonies

Analogous

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



46.4920, -19.5813, -53.5139



46.4913, 1.4599, -61.2616



46.4920, 25.5309, -46.2770

Triad

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



46.4920, 1.4610, -61.2605



46.4920, 39.1876, 20.7016



46.4920, -35.9763, 16.9186

Complementary

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



46.4913, 1.4599, -61.2616



48.6684, 41.9530, 30.7217

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.



46.4920, -25.1177, 25.3798



46.4913, 1.4599, -61.2616



46.4920, 17.5100, 26.7084

Square

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



46.4920, 1.4610, -61.2605



46.4920, 49.8352, 6.0726



46.4920, -6.3001, 27.8725



46.4920, -38.6341, -1.3139

Rectangle

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



46.4913, 1.4599, -61.2616



46.4920, 39.2692, -28.2999



46.4920, -6.3001, 27.8725



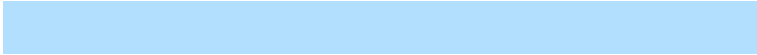
46.4920, -33.2829, 20.6567

Sweetspot

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



46.4920, 1.4610, -61.2605



83.4524, -11.3430, -15.9910



73.5146, -59.4829, 36.5225



37.6021, -5.4335, -8.8544

0.0000, NaN, NaN



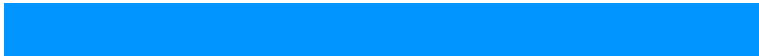
46.2646, -2.4686, 2.5136

Same Dimension

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



46.4920, 1.4610, -61.2605



53.6167, 2.0971, -71.5432



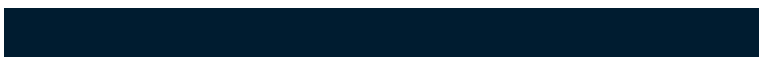
24.4406, 57.6579, -155.0071



38.1685, -3.1243, -0.4383



35.7903, 0.5568, -45.9368



10.3119, -1.3253, -10.0282

Inverse Universe

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



41.8179, 75.5254, -3.3546



48.4079, 87.3892, -3.5200



76.0947, -11.7275, 46.6826



37.1945, 2.2970, 0.5477



31.9393, 57.7555, -3.0705



8.5135, 15.5831, -2.2769

Previews

White Background



This preview shows how the HunterLab color 46.4913, 1.4599, -61.2616 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 46.4913, 1.4599, -61.2616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

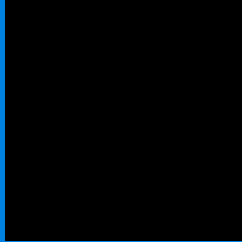
Any Text WCAG AA ✓ Pass

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 46.4913, 1.4599, -61.2616 Background



This preview shows how black text looks on a background with the HunterLab color 46.4913, 1.4599, -61.2616.



This preview shows how white text looks on a background with the HunterLab color 46.4913, 1.4599, -61.2616.

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

46.4913, 1.4599, -61.2616

Protanopia

46.3719, 10.4361, -56.0508

Deuteranopia

46.4714, 4.3350, -61.2620



Tritanopia

46.4547, -22.6640, -9.1393

Trichromacy



Original Color

46.4913, 1.4599, -61.2616

Protanomaly

45.9981, 5.1991, -58.8412

Deuteranomaly

46.4544, 2.8135, -61.3322

Tritanomaly

46.2507, -14.8491, -25.7545

Monochromacy



Original Color

46.4913, 1.4599, -61.2616

Achromatopsia

36.4511, -1.9449, 1.9805

Achromatomaly

38.7420, -6.6424, -17.8611

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.4913, 1.4599, -61.2616 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, 131, 224)` looks like.

```
.text, #text, p{  
    color:rgb(0, 131, 224)  
}
```

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, 131, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 131, 224) }
```

Border

The CSS property to change the border of an element to HunterLab 46.4913, 1.4599, -61.2616 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, 131, 224) }
```


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

```
.border{ border-color:rgb(0, 131, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 131, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 131, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 131, 224);  
box-shadow:4px 4px 4px 4px rgb(0, 131,  
224) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.4913, 1.4599, -61.2616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 131, 224) }
```

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

```
.background{ background-color: rgb(0, 131,  
224) }
```

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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