

Converting Colors

HunterLab(59.4387, -27.7996,
-48.9381)

Have a look what the booklet for
HunterLab(59.4387, -27.7996,
-48.9381) contains.

HunterLab(62.5893, -16.4147, -42.7965)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(62.5893,
-16.4147, -42.7965)**

Conversions

Conversions Part 1

Format	Color
Hex	00B4F4
RGB	0, 180, 244
RGB Percent	0%, 71%, 96%
CMY	0.9997, 0.2941, 0.0431
CMYK	1.00, 0.26, 0.00, 0.04
HSL	196°, 100%, 48%
HSV	196°, 100%, 96%
XYZ	32.6504, 39.1742, 91.4285
YIQ	133.4760, -127.8240, -18.2560

Conversions

Conversions Part 2

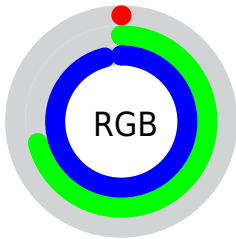
Format	Color
RYB	0, 104, 244
Decimal	46324
CIELab	68.88, -15.67, -42.34
CIELCh	69, 45.151, 249.689
Yxy	39.1755, 0.2000, 0.2400
Android (android.graphics.Color)	4278236404 (0xFF00B4F4)
YUV	133.4760, 54.4883, -117.0585
Hunter-Lab	62.5893, -16.4147, -42.7965

Details

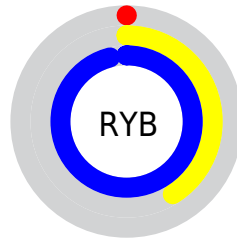
The HunterLab color **62.5893, -16.4147, -42.7965** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle saturated azure. A complement of this color would be **47.8623, 62.2349, 30.5796**, and the grayscale version is **48.4551, -2.5854, 2.6327**.

A 20% lighter version of the original color is **83.9797, -31.1753, -15.5913**, and **43.3204, -7.5801, -37.7836** is the 20% darker color. If you saturate the color by 10%, you get **62.5841, -16.4068, -42.8071**, and if you desaturate by 10%, it is **64.8228, -18.8203, -38.6696**.

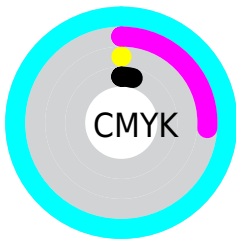
Distribution



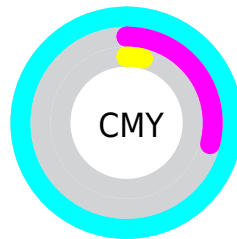
- Red (0%)
- Green (71%)
- Blue (96%)



- Red (0%)
- Yellow (41%)
- Blue (96%)



- Cyan (100%)
- Magenta (26%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (29%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.5893, -16.4147, -42.7965 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 62.5893, -16.4147, -42.7965 by changing the saturation by 10% instead.

62.5893, -16.4147,
-42.7965

62.5893, -16.4147,
-42.7965

185.1043,
-29.0713, -47.6713

51.8616, -14.9758,
-42.1073

85.9688, -19.2420,
-44.1517

41.8274, -13.5094,
-41.4612

98.5529, -20.6436,
-44.7857

32.5397, -12.0005,
-40.9361

111.6974,
-22.0422, -45.3794

24.0639, -10.4265,
-40.6974

125.3793,
-23.4406, -45.9293

16.4871, -8.7486,
-41.1345

139.5782,
-24.8412, -46.4337

9.9321, -7.4681,
-43.3627

154.2760,

0.0000, NaN, -NF

-26.2457, -46.8919

0.0000, NaN, -NF

169.4564,
-27.6553, -47.3043

0.0000, NaN, -NF

■ 62.5893, -16.4147,
-42.7965

■ 62.5893, -16.4147,
-42.7965

■ 62.5841, -16.4068,
-42.8071

■ 64.8228, -18.8203,
-38.6696

■ 67.2573, -20.5202,
-34.3656

■ 69.9293, -21.3742,
-29.8511

■ 72.8455, -21.3578,
-25.1488

■ 76.0045, -20.4854,
-20.2917

■ 79.3996, -18.7968,
-15.3151

■ 83.0212, -16.3467,
-10.2526

■ 86.8578, -13.1978,
-5.1335

■ 90.8971, -9.4150,
0.0180

Harmonies

Analogous

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



62.5903, -30.8152, -25.4925



62.5893, -16.4147, -42.7965



62.5903, 3.4121, -45.8087

Triad

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



62.5903, -16.4140, -42.7953



62.5903, 40.3179, 9.3801



62.5903, -26.5239, 25.8949

Complementary

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



62.5893, -16.4147, -42.7965



47.8623, 62.2349, 30.5796

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.



62.5903, -9.8232, 30.1979



62.5893, -16.4147, -42.7965



62.5903, 29.8757, 22.8943

Square

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



62.5903, -16.4140, -42.7953



62.5903, 37.9603, -11.0154



62.5903, 10.8973, 29.3116



62.5903, -36.1114, 15.0485

Rectangle

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



62.5893, -16.4147, -42.7965



62.5903, 17.3442, -38.5701



62.5903, 10.8973, 29.3116



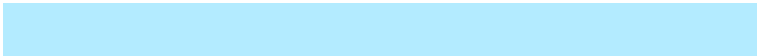
62.5903, -21.6497, 27.9670

Sweetspot

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



62.5903, -16.4140, -42.7953



87.2469, -17.2157, -10.8324



80.6474, -67.6597, 45.2588



39.6073, -8.5102, -6.0562

0.0000, NaN, NaN



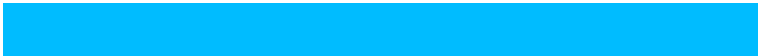
46.2646, -2.4686, 2.5136

Same Dimension

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



62.5903, -16.4140, -42.7953



65.7479, -17.1754, -45.1023



31.4250, 47.2597, -141.2905



42.4016, -4.2901, 0.1245



46.4019, -12.4652, -31.0896



14.3493, -4.5386, -8.1379

Inverse Universe

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



47.4660, 88.2211, -23.1450



49.8949, 92.7317, -24.2322



72.8752, 5.3387, 44.9972



40.8530, 2.8605, -0.1920



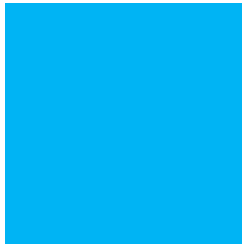
35.0328, 65.1757, -17.5242



10.4666, 19.6092, -6.2972

Previews

White Background



This preview shows how the HunterLab color 62.5893, -16.4147, -42.7965 looks on a white background.

Color Contrast Check

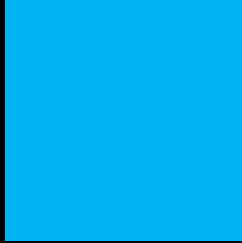
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 62.5893, -16.4147, -42.7965 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

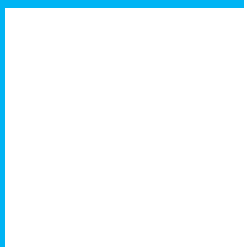
Any Text WCAG AAA ✓ Pass

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

HunterLab 62.5893, -16.4147, -42.7965 Background



This preview shows how black text looks on a background with the HunterLab color 62.5893, -16.4147, -42.7965.



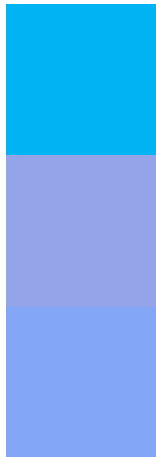
This preview shows how white text looks on a background with the HunterLab color 62.5893, -16.4147, -42.7965.

-16.4147, -42.7965.

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

62.5893, -16.4147, -42.7965

Protanopia

62.4015, 5.3699, -33.9917

Deuteranopia

62.3645, 5.1797, -45.1381



Tritanopia

62.6801, -29.9968, -13.5901

Trichromacy



Original Color

62.5893, -16.4147, -42.7965



Protanomaly

60.9797, -6.8057, -39.7017



Deuteranomaly

61.3714, -6.0274, -46.5206



Tritanomaly

62.6409, -25.4590, -23.3371

Monochromacy



Original Color

62.5893, -16.4147, -42.7965



Achromatopsia

48.4304, -2.5841, 2.6313



Achromatomaly

51.7311, -13.9433, -13.6796

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 62.5893, -16.4147, -42.7965 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, 180, 244)` looks like.

```
.text, #text, p{  
    color:rgb(0, 180, 244)  
}
```

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, 180, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 180, 244) }
```

Border

The CSS property to change the border of an element to HunterLab 62.5893, -16.4147, -42.7965 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, 180, 244) }
```


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

```
.border{ border-color:rgb(0, 180, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 180, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 180, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 180, 244);  
box-shadow:4px 4px 4px 4px rgb(0, 180,  
244) }
```

Background

The CSS property to change the background color of an element to HunterLab 62.5893, -16.4147, -42.7965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 180, 244) }
```

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

```
.background{ background-color: rgb(0, 180,  
244) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor