

Converting Colors

HunterLab(48.6362, 1.0809,
-63.1243)

Have a look what the booklet for
HunterLab(48.6362, 1.0809,
-63.1243) contains.

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Color

**HunterLab(48.7006, 0.9481,
-62.9183)**

Conversions

Conversions Part 1

Format	Color
Hex	0089E8
RGB	0, 137, 232
RGB Percent	0%, 54%, 91%
CMY	0.9998, 0.4627, 0.0902
CMYK	1.00, 0.41, 0.00, 0.09
HSL	205°, 100%, 46%
HSV	205°, 100%, 91%
XYZ	23.5111, 23.7175, 79.6826
YIQ	106.8670, -112.1470, 0.5010

Conversions

Conversions Part 2

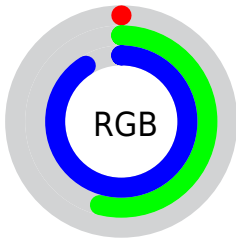
Format	Color
R _Y B	0, 86, 232
Decimal	35304
CIE Lab	55.80, 4.37, -56.43
CIE LCh	56, 56.600, 274.429
Yxy	23.7182, 0.1853, 0.1869
Android (android.graphics.Color)	4278225384 (0xFF0089E8)
YUV	106.8670, 61.6906, -93.7224
Hunter-Lab	48.7006, 0.9481, -62.9183

Details

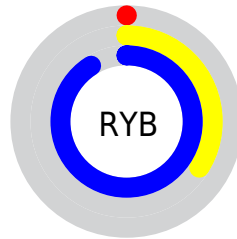
The HunterLab color **48.7006, 0.9481, -62.9183** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **50.3500, 44.3952, 31.8006**, and the grayscale version is **38.1042, -2.0331, 2.0703**.

A 20% lighter version of the original color is **68.6375, -9.8304, -39.6014**, and **31.8026, 7.9166, -56.8402** is the 20% darker color. If you saturate the color by 10%, you get **48.6937, 0.9604, -62.9361**, and if you desaturate by 10%, it is **51.6960, -3.1738, -55.7599**.

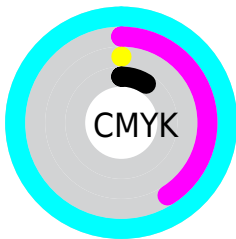
Distribution



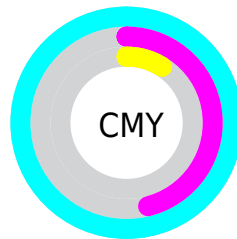
- Red (0%)
- Green (54%)
- Blue (91%)



- Red (0%)
- Yellow (34%)
- Blue (91%)



- Cyan (100%)
- Magenta (41%)
- Yellow (0%)
- Black (9%)



- Cyan (100%)
- Magenta (46%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.7006, 0.9481, -62.9183 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 48.7006, 0.9481, -62.9183 by changing the saturation by 10% instead.

■ 48.7006, 0.9481,
-62.9183

■ 48.7006, 0.9481,
-62.9183

■ 164.7400, -3.5108,
-69.5065

■ 38.8905, 1.2243,
-62.6224

■ 70.4059, 0.2418,
-64.1723

■ 29.8445, 1.4381,
-62.8246

■ 82.2174, -0.1812,
-64.9395

■ 21.6346, 1.5810,
-64.0138

■ 94.6242, -0.6459,
-65.7350

■ 14.3564, 1.6382,
-67.3789

■ 107.5990, -1.1494,
-66.5333

■ 8.0162, 1.9479,
-78.0676

■ 121.1179, -1.6895,
-67.3182

0.0000, NaN, -NF

0.0000, NaN, -NF

135.1600, -2.2641,

-68.0794

0.0000, NaN, -NF

149.7063, -2.8717,
-68.8102

0.0000, NaN, NaN

■ 48.7006, 0.9481,
-62.9183

■ 48.7006, 0.9481,
-62.9183

■ 48.6937, 0.9604,
-62.9361

■ 51.6960, -3.1738,
-55.7599

■ 54.9515, -6.5032,
-48.6249

■ 58.4890, -8.9267,
-41.5055

■ 62.2978, -10.4625,
-34.4539

■ 66.3611, -11.1657,
-27.5137

■ 70.6598, -11.1084,
-20.7141

■ 75.1750, -10.3685,
-14.0713

■ 79.8884, -9.0222,
-7.5908

■ 84.7832, -7.1403,
-1.2706

Harmonies

Analogous

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



48.7013, -20.6634, -54.4946



48.7006, 0.9481, -62.9183



48.7013, 25.7696, -48.0159

Triad

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



48.7013, 0.9493, -62.9171



48.7013, 40.7123, 21.2725



48.7013, -37.1174, 17.8322

Complementary

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



48.7006, 0.9481, -62.9183



50.3500, 44.3952, 31.8006

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.



48.7013, -25.6720, 26.4923



48.7006, 0.9481, -62.9183



48.7013, 18.5498, 27.7125

Square

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



48.7013, 0.9493, -62.9171



48.7013, 51.3355, 5.8649



48.7013, -6.0528, 29.0245



48.7013, -40.0570, -0.7982

Rectangle

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



48.7006, 0.9481, -62.9183



48.7013, 40.0274, -29.6961



48.7013, -6.0528, 29.0245



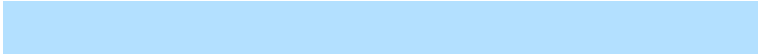
48.7013, -34.2604, 21.6556

Sweetspot

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



48.7013, 0.9493, -62.9171



83.5922, -11.5634, -15.7964



76.4862, -61.9103, 38.0484



37.6759, -5.5492, -8.7485

0.0000, NaN, NaN



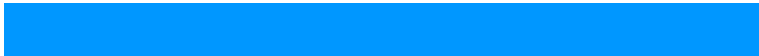
46.2646, -2.4686, 2.5136

Same Dimension

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



48.7013, 0.9493, -62.9171



54.0466, 1.3461, -70.4594



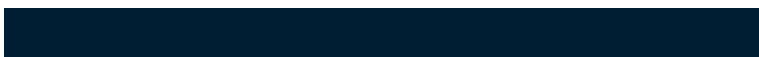
25.3960, 60.1282, -161.5338



39.1083, -3.2319, -0.4338



36.6292, 0.1147, -46.0309



10.8314, -1.4100, -10.4945

Inverse Universe

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



43.5470, 78.7153, -4.0119



48.4561, 87.5638, -4.2016



79.1594, -12.1793, 48.5631



38.0921, 2.3742, 0.5304



32.4841, 58.7943, -3.5389



8.9337, 16.3549, -2.4100

Previews

White Background



This preview shows how the HunterLab color 48.7006, 0.9481, -62.9183 looks on a white background.

Color Contrast Check

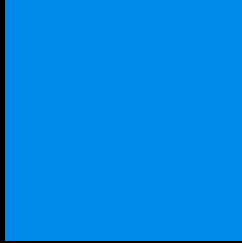
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.7006, 0.9481, -62.9183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

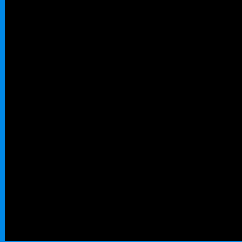
Any Text WCAG AA ✓ Pass

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 48.7006, 0.9481, -62.9183 Background



This preview shows how black text looks on a background with the HunterLab color 48.7006, 0.9481, -62.9183.



This preview shows how white text looks on a background with the HunterLab color 48.7006, 0.9481, -62.9183.

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

48.7006, 0.9481, -62.9183

Protanopia

48.6588, 10.1773, -56.6362

Deuteranopia

48.8766, 4.6254, -63.3168



Tritanopia

48.6297, -23.5773, -9.8863

Trichromacy



Original Color

48.7006, 0.9481, -62.9183

Protanomaly

48.2766, 4.9747, -60.3084

Deuteranomaly

48.7838, 2.8389, -63.5832

Tritanomaly

48.4245, -15.7004, -26.6337

Monochromacy



Original Color

48.7006, 0.9481, -62.9183

Achromatopsia

38.3441, -2.0459, 2.0833

Achromatomaly

40.5621, -7.0427, -18.5504

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.7006, 0.9481, -62.9183 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, 137, 232)` looks like.

```
.text, #text, p{  
    color:rgb(0, 137, 232)  
}
```

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, 137, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 137, 232) }
```

Border

The CSS property to change the border of an element to HunterLab 48.7006, 0.9481, -62.9183 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, 137, 232) }
```


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

```
.border{ border-color:rgb(0, 137, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 137, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 137, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 137, 232);  
box-shadow:4px 4px 4px 4px rgb(0, 137,  
232) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.7006, 0.9481, -62.9183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 137, 232) }
```

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

```
.background{ background-color: rgb(0, 137,  
232) }
```

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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