

Converting Colors

HunterLab(48.0638, 1.0122,
-62.2607)

Have a look what the booklet for
HunterLab(48.0638, 1.0122,
-62.2607) contains.

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Color

**HunterLab(48.0012, 1.3297,
-62.8677)**

Conversions

Conversions Part 1

Format	Color
Hex	0087E6
RGB	0, 135, 230
RGB Percent	0%, 53%, 90%
CMY	0.9998, 0.4706, 0.0980
CMYK	1.00, 0.41, 0.00, 0.10
HSL	205°, 100%, 45%
HSV	205°, 100%, 90%
XYZ	22.9469, 23.0412, 78.1010
YIQ	105.4650, -110.9550, 0.9250

Conversions

Conversions Part 2

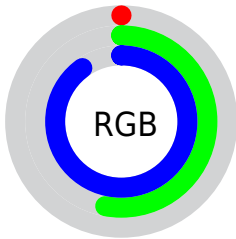
Format	Color
R _Y B	0, 85, 230
Decimal	34790
CIE Lab	55.12, 4.81, -56.42
CIE LCh	55, 56.624, 274.874
Yxy	23.0418, 0.1849, 0.1857
Android (android.graphics.Color)	4278224870 (0xFF0087E6)
YUV	105.4650, 61.3958, -92.4928
Hunter-Lab	48.0012, 1.3297, -62.8677

Details

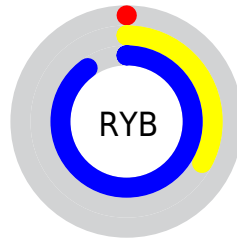
The HunterLab color **48.0012, 1.3297, -62.8677** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **50.0187, 43.5495, 31.5816**, and the grayscale version is **37.5733, -2.0048, 2.0414**.

A 20% lighter version of the original color is **67.9630, -8.9958, -40.8135**, and **31.1634, 8.2861, -56.8388** is the 20% darker color. If you saturate the color by 10%, you get **47.9941, 1.3423, -62.8861**, and if you desaturate by 10%, it is **50.9858, -2.7947, -55.6886**.

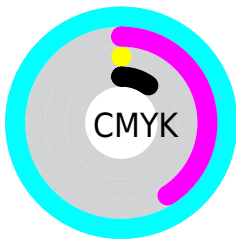
Distribution



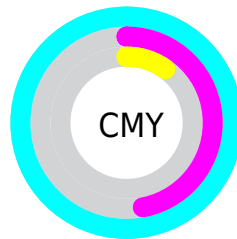
- Red (0%)
- Green (53%)
- Blue (90%)



- Red (0%)
- Yellow (33%)
- Blue (90%)



- Cyan (100%)
- Magenta (41%)
- Yellow (0%)
- Black (10%)



- Cyan (100%)
- Magenta (47%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.0012, 1.3297, -62.8677 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 48.0012, 1.3297, -62.8677 by changing the saturation by 10% instead.

■ 48.0012, 1.3297,
-62.8677

■ 48.0012, 1.3297,
-62.8677

■ 163.6887, -2.9316,
-69.4393

■ 38.2419, 1.5772,
-62.5962

■ 69.6147, 0.6752,
-64.1018

■ 29.2510, 1.7598,
-62.8455

■ 81.3840, 0.2758,
-64.8658

■ 21.1018, 1.8682,
-64.1319

■ 93.7507, -0.1663,
-65.6602

■ 13.8924, 1.8862,
-67.7281

■ 106.6871, -0.6483,
-66.4588

■ 7.5253, 2.3836,
-80.4988

■ 120.1693, -1.1677,
-67.2449

0.0000, NaN, -NF

0.0000, NaN, -NF

134.1759, -1.7226,

-68.0078

0.0000, NaN, -NF

148.6881, -2.3110,
-68.7407

0.0000, NaN, NaN

■ 48.0012, 1.3297,
-62.8677

■ 48.0012, 1.3297,
-62.8677

■ 47.9941, 1.3423,
-62.8861

■ 50.9858, -2.7947,
-55.6886

■ 54.2298, -6.1319,
-48.5404

■ 57.7547, -8.5693,
-41.4156

■ 61.5492, -10.1265,
-34.3665

■ 65.5964, -10.8588,
-27.4361

■ 69.8771, -10.8387,
-20.6527

■ 74.3722, -10.1439,
-14.0315

■ 79.0634, -8.8501,
-7.5769

■ 83.9341, -7.0277,
-1.2860

Harmonies

Analogous

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



48.0019, -20.2636, -54.7735



48.0012, 1.3297, -62.8677



48.0019, 26.0622, -47.6396

Triad

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



48.0019, 1.3309, -62.8665



48.0019, 40.3575, 21.2490



48.0019, -36.9718, 17.5016

Complementary

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



48.0012, 1.3297, -62.8677



50.0187, 43.5495, 31.5816

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.



48.0019, -25.7390, 26.1757



48.0012, 1.3297, -62.8677



48.0019, 18.1422, 27.4958

Square

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



48.0019, 1.3309, -62.8665



48.0019, 51.1888, 6.1190



48.0019, -6.3382, 28.7255



48.0019, -39.7632, -1.1795

Rectangle

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



48.0012, 1.3297, -62.8677



48.0019, 40.2060, -29.2349



48.0019, -6.3382, 28.7255



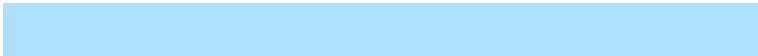
48.0019, -34.1801, 21.3329

Sweetspot

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



48.0019, 1.3309, -62.8665



83.5047, -11.4255, -15.9182



75.7416, -61.3019, 37.6658



37.6297, -5.4768, -8.8148

0.0000, NaN, NaN



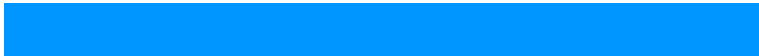
46.2646, -2.4686, 2.5136

Same Dimension

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



48.0019, 1.3309, -62.8665



53.7773, 1.8158, -71.1368



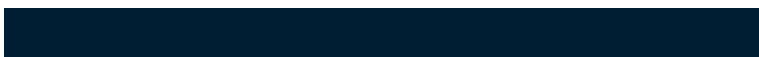
25.1567, 59.5087, -159.8971



39.0970, -3.2134, -0.4475



36.4517, 0.4204, -46.4690



10.7888, -1.3424, -10.5872

Inverse Universe

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



43.0973, 77.8563, -3.6150



48.4259, 87.4543, -3.7742



78.3915, -12.0662, 48.0919



38.0909, 2.3680, 0.5471



32.4639, 58.7214, -3.2544



8.9285, 16.3361, -2.3374

Previews

White Background



This preview shows how the HunterLab color 48.0012, 1.3297, -62.8677 looks on a white background.

Color Contrast Check

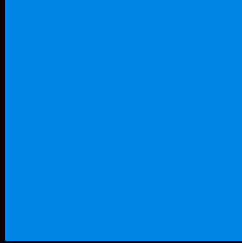
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.0012, 1.3297, -62.8677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

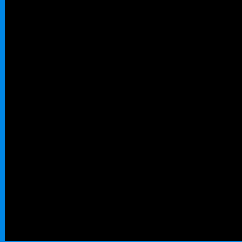
Any Text WCAG AA ✓ Pass

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 48.0012, 1.3297, -62.8677 Background



This preview shows how black text looks on a background with the HunterLab color 48.0012, 1.3297, -62.8677.



This preview shows how white text looks on a background with the HunterLab color 48.0012, 1.3297, -62.8677.

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

48.0012, 1.3297, -62.8677

Protanopia

47.8954, 10.3047, -56.7274

Deuteranopia

48.0303, 4.3870, -62.7402



Tritanopia

47.9146, -23.2027, -9.8011

Trichromacy



Original Color

48.0012, 1.3297, -62.8677

Protanomaly

47.5326, 5.1849, -60.3690

Deuteranomaly

47.9839, 2.7588, -62.8865

Tritanomaly

47.7126, -15.3323, -26.5385

Monochromacy



Original Color

48.0012, 1.3297, -62.8677

Achromatopsia

37.5850, -2.0054, 2.0421

Achromatomaly

39.8573, -6.7600, -18.4806

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.0012, 1.3297, -62.8677 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, 135, 230)` looks like.

```
.text, #text, p{  
    color:rgb(0, 135, 230)  
}
```

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, 135, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 135, 230) }
```

Border

The CSS property to change the border of an element to HunterLab 48.0012, 1.3297, -62.8677 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, 135, 230) }
```


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

```
.border{ border-color:rgb(0, 135, 230) }
```

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

Here you see how a box with a 4 pixel rgb(0, 135, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 135, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 135, 230);  
box-shadow:4px 4px 4px 4px rgb(0, 135,  
230) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.0012, 1.3297, -62.8677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 135, 230) }
```

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

```
.background{ background-color: rgb(0, 135,  
230) }
```

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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