

Converting Colors

HunterLab(48.9945, -26.5786,
-9.3169)

Have a look what the booklet for
HunterLab(48.9945, -26.5786,
-9.3169) contains.

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Color

**HunterLab(49.6002,
-24.7642, -8.5372)**

Conversions

Conversions Part 1

Format	Color
Hex	00979E
RGB	0, 151, 158
RGB Percent	0%, 59%, 62%
CMY	0.9999, 0.4078, 0.3804
CMYK	1.00, 0.04, 0.00, 0.38
HSL	183°, 100%, 31%
HSV	183°, 100%, 62%
XYZ	17.2381, 24.6018, 36.1878
YIQ	106.6490, -92.2430, -29.8350

Conversions

Conversions Part 2

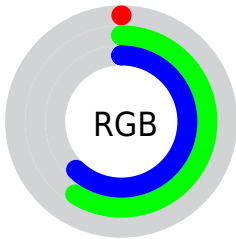
Format	Color
RYB	0, 77, 158
Decimal	38814
CIELab	56.69, -30.28, -13.22
CIELCh	57, 33.035, 203.582
Yxy	24.6027, 0.2209, 0.3153
Android (android.graphics.Color)	4278228894 (0xFF00979E)
YUV	106.6490, 25.3160, -93.5312
Hunter-Lab	49.6002, -24.7642, -8.5372

Details

The HunterLab color $49.6002, -24.7642, -8.5372$ is a dark color, and the websafe version is hex 009999 . A complement of this color would be $27.2428, 45.2159, 17.5769$, and the grayscale version is $38.1461, -2.0354, 2.0725$.

A 20% lighter version of the original color is $71.5338, -29.3739, -8.6115$, and $31.5994, -15.1036, -6.8922$ is the 20% darker color. If you saturate the color by 10%, you get $49.6006, -24.7644, -8.5372$, and if you desaturate by 10%, it is $49.9371, -24.6137, -8.0666$.

Distribution



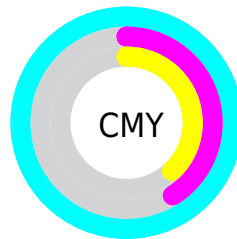
- Red (0%)
- Green (59%)
- Blue (62%)



- Red (0%)
- Yellow (30%)
- Blue (62%)



- Cyan (100%)
- Magenta (4%)
- Yellow (0%)
- Black (38%)



- Cyan (100%)
- Magenta (41%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.6002, -24.7642, -8.5372 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 49.6002, -24.7642, -8.5372 by changing the saturation by 10% instead.

■ 49.6002, -24.7642,
-8.5372

■ 49.6002, -24.7642,
-8.5372

166.0884,
-43.8165, -6.8405

■ 39.7257, -22.3342,
-8.4428

■ 71.4227, -29.3290,
-8.5241

■ 30.6097, -19.7595,
-8.2744

■ 83.2878, -31.5076,
-8.4286

■ 22.3226, -16.9805,
-8.0258

■ 95.7457, -33.6363,
-8.2794

■ 14.9576, -13.8951,
-7.6969

■ 108.7694,
-35.7252, -8.0803

■ 8.6035, -15.0562,
-7.4186

■ 122.3353,
-37.7821, -7.8342

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 136.4226,

-39.8131, -7.5440

0.0000, NaN, NaN

151.0125,
-41.8233, -7.2121

0.0000, NaN, NaN

■ 49.6002, -24.7642,
-8.5372

■ 49.6002, -24.7642,
-8.5372

■ 49.6006, -24.7644,
-8.5372

■ 49.9371, -24.6137,
-8.0666

■ 50.3557, -24.1416,
-7.4812

■ 50.8911, -23.2183,
-6.7344

■ 51.5546, -21.8083,
-5.8159

■ 52.3539, -19.8944,
-4.7219

■ 53.2937, -17.4751,
-3.4543

■ 54.3765, -14.5620,
-2.0196

■ 55.6023, -11.1767,
-0.4273

■ 56.9699, -7.3487,
1.3104

Harmonies

Analogous

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



49.6011, -26.4271, 5.4479



49.6002, -24.7642, -8.5372



49.6011, -17.4840, -22.3054

Triad

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



49.6011, -24.7642, -8.5365



49.6011, 20.6407, -14.8087



49.6011, 0.3616, 21.8476

Complementary

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



49.6002, -24.7642, -8.5372



27.2428, 45.2159, 17.5769

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.



49.6011, 14.1640, 19.0602



49.6002, -24.7642, -8.5372



49.6011, 26.6721, -0.2149

Square

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



49.6011, -24.7642, -8.5365



49.6011, 8.4557, -26.5662



49.6011, 24.1809, 11.7997



49.6011, -12.8558, 20.7525

Rectangle

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



49.6002, -24.7642, -8.5372



49.6011, -9.9511, -28.2496



49.6011, 24.1809, 11.7997



49.6011, 5.1011, 21.3657

Sweetspot

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



49.6011, -24.7642, -8.5365



73.1834, -19.8782, -2.8441



49.4629, -42.3299, 29.5556



34.4645, -10.2088, -1.7252



89.8524, -4.7943, 4.8819



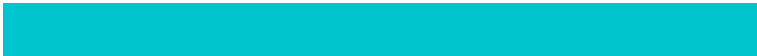
37.4146, -1.9963, 2.0328

Same Dimension

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



49.6011, -24.7642, -8.5365



66.7810, -33.2993, -11.5868



27.0789, 9.3273, -53.9779



27.3113, -3.3735, 0.6909



44.4062, -22.1835, -7.6161



6.0533, -3.1058, -0.8615

Inverse Universe

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



30.8288, 60.0384, -36.2618



41.5334, 80.8770, -48.7409



36.9503, 18.8755, 23.0979



25.9798, 1.8846, -0.7093



27.5914, 53.7424, -32.4897



3.7083, 7.2519, -4.5900

Previews

White Background



This preview shows how the HunterLab color 49.6002, -24.7642, -8.5372 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 49.6002, -24.7642, -8.5372 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

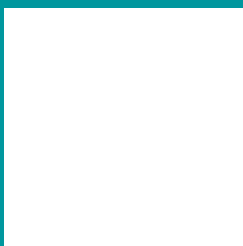
Any Text WCAG AAA × Fail

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

HunterLab 49.6002, -24.7642, -8.5372 Background



This preview shows how black text looks on a background with the HunterLab color 49.6002, -24.7642, -8.5372.



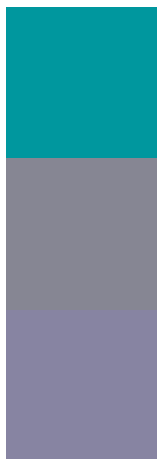
This preview shows how white text looks on a background with the HunterLab color 49.6002, -24.7642, -8.5372.

-24.7642, -8.5372.

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

49.6002, -24.7642, -8.5372

Protanopia

49.2190, -0.4607, -2.9315

Deuteranopia

49.2565, 3.5449, -10.7316



Tritanopia

49.5938, -22.7740, -11.2641

Trichromacy



Original Color

49.6002, -24.7642, -8.5372

Protanomaly

47.8767, -14.0262, -7.0019

Deuteranomaly

47.9759, -11.3932, -12.3069

Tritanomaly

49.4612, -23.4339, -10.3512

Monochromacy



Original Color

49.6002, -24.7642, -8.5372

Achromatopsia

38.3441, -2.0459, 2.0833

Achromatomaly

41.1111, -14.4892, -3.3881

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.6002, -24.7642, -8.5372 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, 151, 158)` looks like.

```
.text, #text, p{  
    color:rgb(0, 151, 158)  
}
```

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, 151, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 151, 158) }
```

Border

The CSS property to change the border of an element to HunterLab 49.6002, -24.7642, -8.5372 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, 151, 158) }
```


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

```
.border{ border-color:rgb(0, 151, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 151, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 151, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 151, 158); box-shadow:4px 4px 4px 4px rgb(0, 151, 158) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.6002, -24.7642, -8.5372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 151, 158) }
```

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

```
.background{ background-color: rgb(0, 151,  
158) }
```

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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