

Converting Colors

HunterLab(50.9318, -26.9561,
-5.4698)

Have a look what the booklet for
HunterLab(50.9318, -26.9561,
-5.4698) contains.

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Color

**HunterLab(50.8360,
-26.7356, -5.8262)**

Conversions

Conversions Part 1

Format	Color
Hex	009B9C
RGB	0, 155, 156
RGB Percent	0%, 61%, 61%
CMY	0.9999, 0.3921, 0.3882
CMYK	1.00, 0.01, 0.00, 0.39
HSL	180°, 100%, 31%
HSV	180°, 100%, 61%
XYZ	17.7221, 25.8430, 35.5067
YIQ	108.7690, -92.7010, -32.5490

Conversions

Conversions Part 2

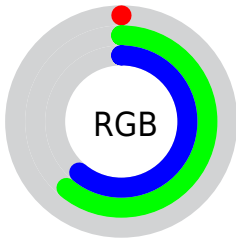
Format	Color
RYB	0, 78, 156
Decimal	39836
CIELab	57.89, -32.83, -10.27
CIELCh	58, 34.403, 197.366
Yxy	25.8439, 0.2241, 0.3268
Android (android.graphics.Color)	4278229916 (0xFF009B9C)
YUV	108.7690, 23.2849, -95.3904
Hunter-Lab	50.8360, -26.7356, -5.8262

Details

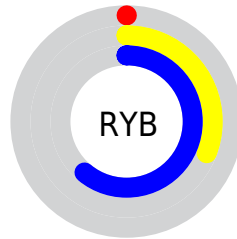
The HunterLab color $50.8360, -26.7356, -5.8262$ is a dark color, and the websafe version is hex 009999 . A complement of this color would be $26.6276, 45.3865, 17.2008$, and the grayscale version is $38.9603, -2.0788, 2.1168$.

A 20% lighter version of the original color is $72.7808, -31.7314, -5.3790$, and $32.7420, -16.9557, -4.3222$ is the 20% darker color. If you saturate the color by 10%, you get $50.8367, -26.7362, -5.8258$, and if you desaturate by 10%, it is $50.9744, -26.3609, -5.6353$.

Distribution



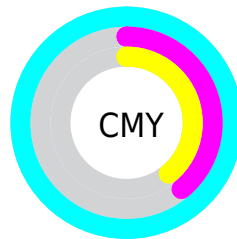
- Red (0%)
- Green (61%)
- Blue (61%)



- Red (0%)
- Yellow (31%)
- Blue (61%)



- Cyan (100%)
- Magenta (1%)
- Yellow (0%)
- Black (39%)



- Cyan (100%)
- Magenta (39%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.8360, -26.7356, -5.8262 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 50.8360, -26.7356, -5.8262 by changing the saturation by 10% instead.

50.8360, -26.7356,
-5.8262

50.8360, -26.7356,
-5.8262

167.9331,
-46.8805, -3.1126

40.8741, -24.1484,
-5.8637

72.8170, -31.5859,
-5.5615

31.6635, -21.4040,
-5.8303

84.7549, -33.8955,
-5.3463

23.2724, -18.4404,
-5.7169

97.2822, -36.1488,
-5.0813

15.7904, -15.1526,
-5.5147

110.3723,
-38.3568, -4.7700

9.3452, -15.8095,
-5.2226

124.0020,
-40.5279, -4.4151

0.0000, NaN, -NF

0.0000, NaN, NaN

138.1506,

-42.6688, -4.0191

0.0000, NaN, NaN

152.7998,
-44.7848, -3.5844

0.0000, NaN, NaN

■ 50.8360, -26.7356,
-5.8262

■ 50.8360, -26.7356,
-5.8262

■ 50.8367, -26.7362,
-5.8258

■ 50.9744, -26.3609,
-5.6353

■ 51.1910, -25.6765,
-5.3351

■ 51.5207, -24.5526,
-4.8791

■ 51.9759, -22.9503,
-4.2536

■ 52.5653, -20.8486,
-3.4513

■ 53.2951, -18.2418,
-2.4701

■ 54.1689, -15.1375,
-1.3129

■ 55.1883, -11.5544,
0.0139

■ 56.3530, -7.5204,
1.5006

Harmonies

Analogous

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



50.8369, -27.2149, 8.2459



50.8360, -26.7356, -5.8262



50.8369, -20.2950, -20.9372

Triad

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



50.8369, -26.7356, -5.8255



50.8369, 19.5249, -18.7361



50.8369, 3.5437, 22.4754

Complementary

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



50.8360, -26.7356, -5.8262



26.6276, 45.3865, 17.2008

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.



50.8369, 17.6346, 18.6991



50.8360, -26.7356, -5.8262



50.8369, 27.5338, -3.3985

Square

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



50.8369, -26.7356, -5.8255



50.8369, 5.8990, -29.7115



50.8369, 26.8056, 10.0806



50.8369, -10.7915, 22.1648

Rectangle

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



50.8360, -26.7356, -5.8262



50.8369, -13.0307, -28.3981



50.8369, 26.8056, 10.0806



50.8369, 8.4945, 21.6990

Sweetspot

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



50.8369, -26.7356, -5.8255



72.9254, -20.6741, -1.8710



48.7622, -41.8124, 29.3142



33.9843, -10.4929, -1.1734



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



50.8369, -26.7356, -5.8255



68.5032, -36.0216, -7.8628



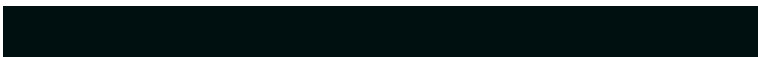
28.0197, 6.5573, -49.1744



27.3901, -3.4988, 0.7836



46.1401, -24.2676, -5.2843



6.1865, -3.2650, -0.6845

Inverse Universe

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



30.7167, 60.3035, -39.8754



41.3939, 81.2693, -53.7234



35.3817, 21.0010, 22.1685



25.9882, 1.9295, -0.8281



27.8772, 54.7337, -36.1963



3.7305, 7.3286, -4.8764

Previews

White Background



This preview shows how the HunterLab color 50.8360, -26.7356, -5.8262 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 50.8360, -26.7356, -5.8262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

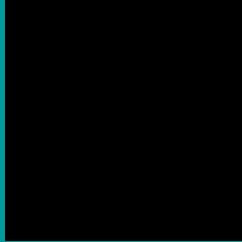
Any Text WCAG AA ✓ Pass

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 50.8360, -26.7356, -5.8262 Background



This preview shows how black text looks on a background with the HunterLab color 50.8360, -26.7356, -5.8262.



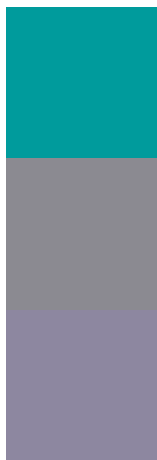
This preview shows how white text looks on a background with the HunterLab color 50.8360,

-26.7356, -5.8262.

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

50.8360, -26.7356, -5.8262

Protanopia

50.7053, -1.2651, -0.1012

Deuteranopia

50.5260, 3.4109, -7.8329



Tritanopia

50.7628, -22.9872, -11.2591

Trichromacy



Original Color

50.8360, -26.7356, -5.8262

Protanomaly

49.1845, -15.5846, -4.2414

Deuteranomaly

49.0131, -12.3983, -9.6938

Tritanomaly

50.8321, -24.6652, -8.9793

Monochromacy



Original Color

50.8360, -26.7356, -5.8262

Achromatopsia

39.1058, -2.0866, 2.1247

Achromatomaly

42.0634, -15.5543, -2.1755

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.8360, -26.7356, -5.8262 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, 155, 156)` looks like.

```
.text, #text, p{  
    color:rgb(0, 155, 156)  
}
```

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, 155, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 155, 156) }
```

Border

The CSS property to change the border of an element to HunterLab 50.8360, -26.7356, -5.8262 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, 155, 156) }
```


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

```
.border{ border-color:rgb(0, 155, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 155, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 155, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 155, 156);  
box-shadow:4px 4px 4px 4px rgb(0, 155,  
156) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.8360, -26.7356, -5.8262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 155, 156) }
```

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

```
.background{ background-color: rgb(0, 155,  
156) }
```

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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