

Converting Colors

HunterLab(49.4896, -50.0155,
-20.4757)

Have a look what the booklet for
HunterLab(49.4896, -50.0155,
-20.4757) contains.

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Color

**HunterLab(55.1786,
-26.7781, -11.1623)**

Conversions

Conversions Part 1

Format	Color
Hex	00A6B1
RGB	0, 166, 177
RGB Percent	0%, 65%, 69%
CMY	0.9999, 0.3490, 0.3059
CMYK	1.00, 0.06, 0.00, 0.31
HSL	184°, 100%, 35%
HSV	184°, 100%, 69%
XYZ	21.5720, 30.4468, 46.3349
YIQ	117.6200, -102.4670, -31.7710

Conversions

Conversions Part 2

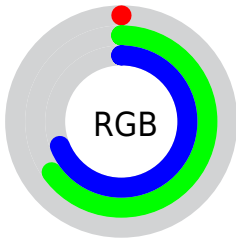
Format	Color
RYB	0, 86, 177
Decimal	42673
CIELab	62.04, -31.38, -15.89
CIELCh	62, 35.170, 206.851
Yxy	30.4479, 0.2193, 0.3096
Android (android.graphics.Color)	4278232753 (0xFF00A6B1)
YUV	117.6200, 29.2743, -103.1527
Hunter-Lab	55.1786, -26.7781, -11.1623

Details

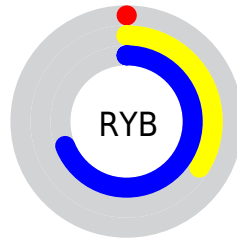
The HunterLab color **55.1786, -26.7781, -11.1623** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **30.9635, 51.0336, 19.9712**, and the grayscale version is **42.3396, -2.2591, 2.3004**.

A 20% lighter version of the original color is **77.8541, -31.5733, -11.2882**, and **36.4218, -16.9678, -8.8956** is the 20% darker color. If you saturate the color by 10%, you get **55.1788, -26.7780, -11.1627**, and if you desaturate by 10%, it is **55.6556, -26.7808, -10.4860**.

Distribution



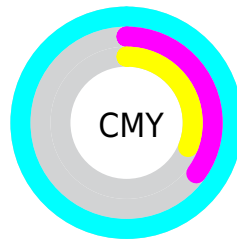
- Red (0%)
- Green (65%)
- Blue (69%)



- Red (0%)
- Yellow (34%)
- Blue (69%)



- Cyan (100%)
- Magenta (6%)
- Yellow (0%)
- Black (31%)



- Cyan (100%)
- Magenta (35%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.1786, -26.7781, -11.1623 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 55.1786, -26.7781, -11.1623 by changing the saturation by 10% instead.

■ 55.1786, -26.7781,
-11.1623

■ 55.1786, -26.7781,
-11.1623

■ 174.3521,
-46.1151, -10.0572

■ 44.9208, -24.3379,
-11.0029

■ 77.6980, -31.3881,
-11.2828

■ 35.3908, -21.7684,
-10.7729

■ 89.8840, -33.5963,
-11.2545

■ 26.6502, -19.0210,
-10.4683

■ 102.6479,
-35.7572, -11.1723

■ 18.7781, -16.0168,
-10.0923

■ 115.9645,
-37.8800, -11.0395

■ 11.8837, -13.2747,
-9.6731

■ 129.8119,
-39.9720, -10.8591

■ 4.7508, -8.3140,
-14.2942

■ 144.1704,

0.0000, NaN, -NF

-42.0389, -10.6337

0.0000, NaN, NaN

159.0225,
-44.0853, -10.3657

0.0000, NaN, NaN

■ 55.1786, -26.7781,
-11.1623

■ 55.1786, -26.7781,
-11.1623

■ 55.1788, -26.7780,
-11.1627

■ 55.6556, -26.7808,
-10.4860

■ 56.2312, -26.3968,
-9.6711

■ 56.9417, -25.4931,
-8.6702

■ 57.7999, -24.0287,
-7.4725

■ 58.8144, -21.9851,
-6.0757

■ 59.9899, -19.3622,
-4.4838

■ 61.3286, -16.1747,
-2.7057

■ 62.8300, -12.4491,
-0.7544

■ 64.4920, -8.2204,
1.3553

Harmonies

Analogous

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



55.1796, -29.3131, 4.5162



55.1786, -26.7781, -11.1623



55.1796, -18.1039, -25.8758

Triad

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



55.1796, -26.7780, -11.1615



55.1796, 23.8534, -14.5585



55.1796, -1.3248, 24.2489

Complementary

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



55.1786, -26.7781, -11.1623



30.9635, 51.0336, 19.9712

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.



55.1796, 14.0456, 21.6462



55.1786, -26.7781, -11.1623



55.1796, 29.5407, 1.4469

Square

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



55.1796, -26.7780, -11.1615



55.1796, 10.9522, -28.1824



55.1796, 25.7715, 14.1895



55.1796, -15.5939, 22.5655

Rectangle

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



55.1786, -26.7781, -11.1623



55.1796, -9.4697, -31.7091



55.1796, 25.7715, 14.1895



55.1796, 3.8930, 23.8687

Sweetspot

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



55.1796, -26.7780, -11.1615



81.9731, -21.8908, -3.7533



56.0932, -47.9751, 33.4549



37.8080, -11.0409, -2.2135



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



55.1796, -26.7780, -11.1615



73.7607, -35.7340, -15.0550



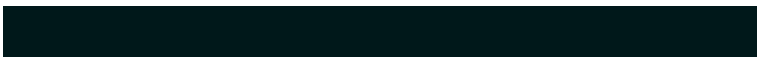
29.7715, 12.5376, -64.2730



30.8857, -3.7895, 0.7164



47.0027, -22.8363, -9.4522



8.4979, -4.2469, -1.4539

Inverse Universe

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



34.7868, 67.4827, -38.8731



46.5391, 90.2677, -51.8499



42.3844, 20.3342, 26.4717



29.3895, 2.1786, -0.7838



29.6148, 57.4630, -33.1628



5.2790, 10.2830, -6.2207

Previews

White Background



This preview shows how the HunterLab color 55.1786, -26.7781, -11.1623 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 55.1786, -26.7781, -11.1623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

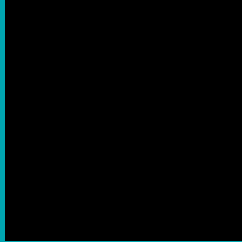
Any Text WCAG AA ✓ Pass

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 55.1786, -26.7781, -11.1623 Background



This preview shows how black text looks on a background with the HunterLab color 55.1786, -26.7781, -11.1623.



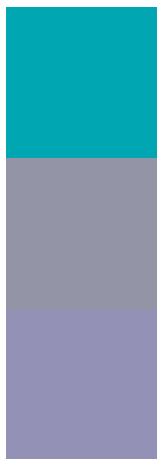
This preview shows how white text looks on a background with the HunterLab color 55.1786, -26.7781, -11.1623.

-26.7781, -11.1623.

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

55.1786, -26.7781, -11.1623

Protanopia

54.8630, -0.3098, -4.6689

Deuteranopia

54.8983, 3.9269, -13.8995



Tritanopia

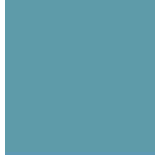
55.3358, -26.0192, -12.0533

Trichromacy



Original Color

55.1786, -26.7781, -11.1623



Protanomaly

53.5602, -15.4157, -8.8180



Deuteranomaly

53.3455, -12.2264, -15.3345



Tritanomaly

55.2674, -26.3586, -11.5910

Monochromacy



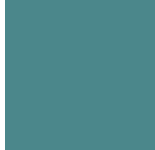
Original Color

55.1786, -26.7781, -11.1623



Achromatopsia

42.5634, -2.2711, 2.3126



Achromatomaly

45.4839, -15.9192, -4.0920

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.1786, -26.7781, -11.1623 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, 166, 177)` looks like.

```
.text, #text, p{  
    color:rgb(0, 166, 177)  
}
```

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, 166, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 166, 177) }
```

Border

The CSS property to change the border of an element to HunterLab 55.1786, -26.7781, -11.1623 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, 166, 177) }
```


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

```
.border{ border-color:rgb(0, 166, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 166, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 166, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 166, 177);  
box-shadow:4px 4px 4px 4px rgb(0, 166,  
177) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.1786, -26.7781, -11.1623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 166, 177) }
```

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

```
.background{ background-color: rgb(0, 166,  
177) }
```

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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