

Converting Colors

HunterLab(51.1061, -26.6282,
-5.2303)

Have a look what the booklet for
HunterLab(51.1061, -26.6282,
-5.2303) contains.

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Color

**HunterLab(51.2712,
-26.6997, -5.2460)**

Conversions

Conversions Part 1

Format	Color
Hex	109C9C
RGB	16, 156, 156
RGB Percent	6%, 61%, 61%
CMY	0.9372, 0.3882, 0.3882
CMYK	0.90, 0.00, 0.00, 0.39
HSL	180°, 81%, 34%
HSV	180°, 90%, 61%
XYZ	18.1029, 26.2874, 35.5723
YIQ	114.1400, -83.4400, -29.6800

Conversions

Conversions Part 2

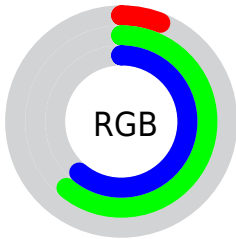
Format	Color
R_{YB}	16, 86, 156
Decimal	1088668
CIE _{Lab}	58.31, -32.62, -9.63
CIE _{LCh}	58, 34.010, 196.444
Yxy	26.2883, 0.2264, 0.3287
Android (android.graphics.Color)	4279278748 (0xFF109C9C)
YUV	114.1400, 20.6370, -86.0688
Hunter-Lab	51.2712, -26.6997, -5.2460

Details

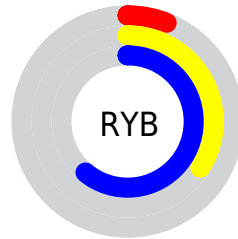
The HunterLab color **51.2712, -26.6997, -5.2460** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **27.3436, 43.4758, 16.5456**, and the grayscale version is **41.0232, -2.1889, 2.2289**.

A 20% lighter version of the original color is **73.2629, -31.6144, -4.7530**, and **33.0463, -17.3189, -3.9184** is the 20% darker color. If you saturate the color by 10%, you get **51.1671, -27.1148, -5.3919**, and if you desaturate by 10%, it is **51.4578, -25.9689, -4.9870**.

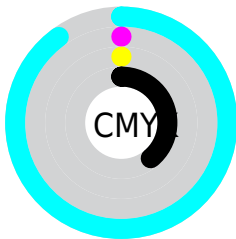
Distribution



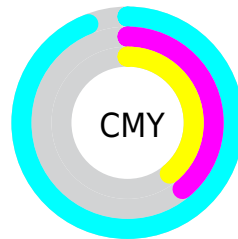
- Red (6%)
- Green (61%)
- Blue (61%)



- Red (6%)
- Yellow (34%)
- Blue (61%)



- Cyan (90%)
- Magenta (0%)
- Yellow (0%)
- Black (39%)



- Cyan (94%)
- Magenta (39%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.2712, -26.6997, -5.2460 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 51.2712, -26.6997, -5.2460 by changing the saturation by 10% instead.

■ 51.2712, -26.6997,
-5.2460

■ 51.2712, -26.6997,
-5.2460

168.5807,
-46.7300, -2.3002

■ 41.2789, -24.1327,
-5.3145

■ 73.3074, -31.5166,
-4.9230

■ 32.0354, -21.4120,
-5.3134

■ 85.2708, -33.8120,
-4.6804

■ 23.6081, -18.4773,
-5.2332

■ 97.8223, -36.0522,
-4.3890

■ 16.0857, -15.2271,
-5.0643

■ 110.9355,
-38.2480, -4.0521

■ 9.5936, -15.3357,
-4.8008

■ 124.5874,
-40.4078, -3.6724

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 138.7575,

-42.5380, -3.2526

0.0000, NaN, NaN

153.4274,
-44.6439, -2.7945

0.0000, NaN, NaN

■ 51.2712, -26.6997,
-5.2460

■ 51.2712, -26.6997,
-5.2460

■ 51.1671, -27.1148,
-5.3919

■ 51.4578, -25.9689,
-4.9870

■ 51.1645, -27.1252,
-5.3956

■ 51.7567, -24.7980,
-4.5731

■ 52.1812, -23.1480,
-3.9895

■ 52.7404, -20.9977,
-3.2285

■ 53.4403, -18.3409,
-2.2876

■ 54.2850, -15.1850,
-1.1689

■ 55.2761, -11.5485,
0.1214

■ 56.4136, -7.4591,
1.5740

■ 57.6957, -2.9510,
3.1775

Harmonies

Analogous

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



51.2722, -26.9908, 8.5930



51.2712, -26.6997, -5.2460



51.2722, -20.4691, -20.2217

Triad

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



51.2722, -26.6998, -5.2453



51.2722, 18.9270, -18.8971



51.2722, 3.9196, 22.3717

Complementary

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



51.2712, -26.6997, -5.2460



27.3436, 43.4758, 16.5456

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.



51.2722, 17.7860, 18.4540



51.2712, -26.6997, -5.2460



51.2722, 27.0748, -3.7801

Square

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



51.2722, -26.6998, -5.2453



51.2722, 5.3433, -29.4725



51.2722, 26.6356, 9.7057



51.2722, -10.3488, 22.1816

Rectangle

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



51.2712, -26.6997, -5.2460



51.2722, -13.3492, -27.7278



51.2722, 26.6356, 9.7057



51.2722, 8.8121, 21.5507

Sweetspot

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



51.2722, -26.6998, -5.2453



73.4353, -19.4415, -1.2125



48.9358, -40.9959, 28.8416



34.2644, -9.7978, -0.8093



88.7363, -4.7347, 4.8212



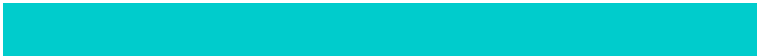
36.4511, -1.9449, 1.9805

Same Dimension

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



51.2722, -26.6998, -5.2453



68.9531, -36.5560, -7.2715



30.8975, 2.1577, -41.2803



27.4035, -3.5199, 0.7992



46.4349, -24.6178, -4.8968



6.2091, -3.2918, -0.6548

Inverse Universe

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



27.3436, 43.4758, 16.5456



35.8293, 61.3587, 23.1519



36.6008, 18.6113, 22.0839



25.7801, 0.8118, 2.1338



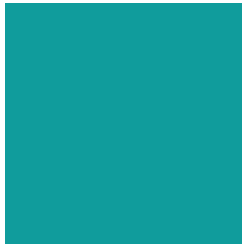
24.1284, 41.3207, 15.5911



3.2264, 5.5253, 2.0847

Previews

White Background



This preview shows how the HunterLab color 51.2712, -26.6997, -5.2460 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 51.2712, -26.6997, -5.2460 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

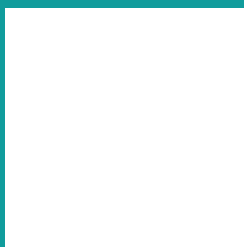
Any Text WCAG AAA × Fail

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

HunterLab 51.2712, -26.6997, -5.2460 Background



This preview shows how black text looks on a background with the HunterLab color 51.2712, -26.6997, -5.2460.



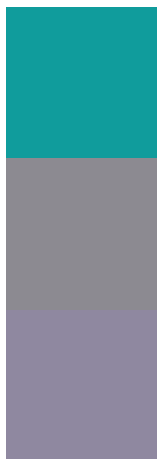
This preview shows how white text looks on a background with the HunterLab color 51.2712,

-26.6997, -5.2460.

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

51.2712, -26.6997, -5.2460

Protanopia

50.7905, -0.9714, 0.0090

Deuteranopia

50.9765, 3.5034, -7.2087



Tritanopia

51.1940, -22.9012, -11.1962

Trichromacy



Original Color

51.2712, -26.6997, -5.2460

Protanomaly

49.8534, -14.6685, -3.3533

Deuteranomaly

49.6885, -11.4783, -8.7222

Tritanomaly

51.2900, -24.4750, -8.8788

Monochromacy



Original Color

51.2712, -26.6997, -5.2460

Achromatopsia

41.0207, -2.1888, 2.2287

Achromatomaly

43.4801, -14.6967, -1.7858

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.2712, -26.6997, -5.2460 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(16, 156, 156)` looks like.

```
.text, #text, p{  
    color:rgb(16, 156, 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(16, 156, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 156, 156) }
```

Border

The CSS property to change the border of an element to HunterLab 51.2712, -26.6997, -5.2460 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(16, 156, 156) }
```


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

```
.border{ border-color:rgb(16, 156, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 156, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 156, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 156, 156);  
box-shadow:4px 4px 4px 4px rgb(16, 156,  
156) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.2712, -26.6997, -5.2460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 156, 156) }
```

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

```
.background{ background-color: rgb(16, 156,  
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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