

Converting Colors

HunterLab(50.1103, -21.1739,
-16.0790)

Have a look what the booklet for
HunterLab(50.1103, -21.1739,
-16.0790) contains.

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Color

**HunterLab(50.2280,
-21.2260, -16.0893)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|------------------------------|
| Hex | 0C97AD |
| RGB | 12, 151, 173 |
| RGB Percent | 5%, 59%, 68% |
| CMY | 0.9528, 0.4078, 0.3216 |
| CMYK | 0.93, 0.13, 0.00, 0.32 |
| HSL | 188°, 87%, 36% |
| HSV | 188°, 93%, 68% |
| XYZ | 18.7611, 25.2285, 43.4159 |
| YIQ | 111.9470, -89.9060, -22.6260 |

Conversions

Conversions Part 2

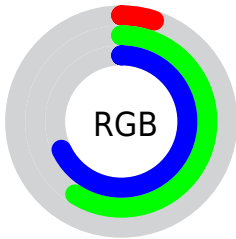
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 12, 87, 173 |
| Decimal | 825261 |
| CIE _{Lab} | 57.30, -24.81, -20.83 |
| CIE _{LCh} | 57, 32.398, 220.013 |
| Yxy | 25.2294, 0.2146, 0.2886 |
| Android (android.graphics.Color) | 4279015341 (0xFF0C97AD) |
| YUV | 111.9470, 30.0991, -87.6535 |
| Hunter-Lab | 50.2280, -21.2260, -16.0893 |

Details

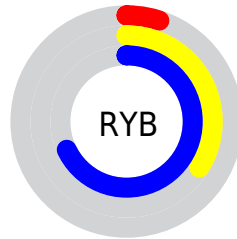
The HunterLab color **50.2280, -21.2260, -16.0893** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **31.7123, 45.1070, 19.6785**, and the grayscale version is **40.1495, -2.1423, 2.1814**.

A 20% lighter version of the original color is **72.2709, -25.4593, -16.1280**, and **32.3957, -12.5665, -13.3643** is the 20% darker color. If you saturate the color by 10%, you get **49.6241, -20.8469, -17.0233**, and if you desaturate by 10%, it is **51.1721, -21.4947, -14.6519**.

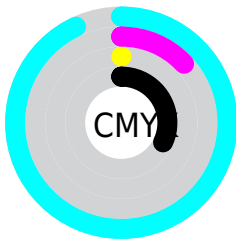
Distribution



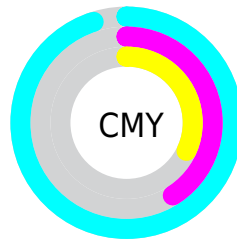
- Red (5%)
- Green (59%)
- Blue (68%)



- Red (5%)
- Yellow (34%)
- Blue (68%)



- Cyan (93%)
- Magenta (13%)
- Yellow (0%)
- Black (32%)



- Cyan (95%)
- Magenta (41%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.2280, -21.2260, -16.0893 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 50.2280, -21.2260, -16.0893 by changing the saturation by 10% instead.

50.2280, -21.2260,
-16.0893

50.2280, -21.2260,
-16.0893

167.0265,
-37.8465, -16.6557

40.3089, -19.1663,
-15.7314

72.1312, -25.1366,
-16.6076

31.1446, -17.0024,
-15.3113

84.0335, -27.0208,
-16.7740

22.8044, -14.6892,
-14.8410

96.5268, -28.8719,
-16.8822

15.3796, -12.1498,
-14.3657

109.5843,
-30.6977, -16.9356

8.9887, -12.5091,
-14.0852

123.1827,
-32.5039, -16.9370

0.0000, NaN, -NF

0.0000, NaN, NaN

137.3012,

-34.2950, -16.8892

0.0000, NaN, NaN

151.9214,
-36.0749, -16.7947

0.0000, NaN, NaN

■ 50.2280, -21.2260,
-16.0893

■ 50.2280, -21.2260,
-16.0893

■ 49.6241, -20.8469,
-17.0233

■ 51.1721, -21.4947,
-14.6519

■ 52.2488, -21.2584,
-13.0402

■ 53.4705, -20.4788,
-11.2488

■ 54.8433, -19.1426,
-9.2822

■ 56.3695, -17.2546,
-7.1514

■ 58.0488, -14.8338,
-4.8712

■ 59.8787, -11.9091,
-2.4585

■ 61.8549, -8.5159,
0.0694

■ 63.9723, -4.6930,
2.6953

Harmonies

Analogous

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



50.2289, -25.9801, -1.7981



50.2280, -21.2260, -16.0893



50.2289, -11.3332, -26.8020

Triad

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



50.2289, -21.2258, -16.0885



50.2289, 24.4046, -6.5589



50.2289, -7.1601, 21.6145

Complementary

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



50.2280, -21.2260, -16.0893



31.7123, 45.1070, 19.6785

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.



50.2289, 6.5958, 20.9776



50.2280, -21.2260, -16.0893



50.2289, 25.8286, 6.8797

Square

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



50.2289, -21.2258, -16.0885



50.2289, 15.3087, -20.3620



50.2289, 19.0142, 16.2708



50.2289, -18.4516, 18.3296

Rectangle

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



50.2280, -21.2260, -16.0893



50.2289, -2.6769, -29.1439



50.2289, 19.0142, 16.2708



50.2289, -2.6887, 21.8256

Sweetspot

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



50.2289, -21.2258, -16.0885



78.7755, -18.1489, -5.0682



54.8438, -45.9284, 31.3955



36.2558, -9.1916, -2.9842



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



50.2289, -21.2258, -16.0885



66.2331, -27.6694, -23.0552



27.5839, 16.1261, -67.7000



29.8037, -3.3948, 0.4954



42.6055, -17.9614, -14.4796



7.4526, -3.4369, -1.8959

Inverse Universe

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



33.7379, 62.3913, -29.5727



44.4908, 84.9193, -38.9050



45.7610, 10.8639, 27.9360



28.5113, 2.0016, -0.4925



28.5229, 54.4862, -25.2892



4.8105, 9.2743, -4.9235

Previews

White Background



This preview shows how the HunterLab color 50.2280, -21.2260, -16.0893 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 50.2280, -21.2260, -16.0893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

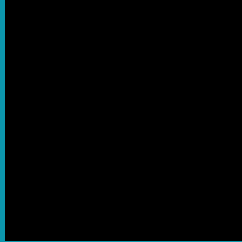
Any Text WCAG AA ✓ Pass

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 50.2280, -21.2260, -16.0893 Background



This preview shows how black text looks on a background with the HunterLab color 50.2280, -21.2260, -16.0893.



This preview shows how white text looks on a background with the HunterLab color 50.2280, -21.2260, -16.0893.

-21.2260, -16.0893.

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

50.2280, -21.2260, -16.0893

Protanopia

50.0422, 0.4801, -9.6551

Deuteranopia

49.8915, 3.9734, -18.6181



Tritanopia

50.1366, -23.9067, -11.0587

Trichromacy



Original Color

50.2280, -21.2260, -16.0893

Protanomaly

48.8647, -10.8753, -13.8534

Deuteranomaly

48.8561, -8.5818, -19.8916

Tritanomaly

50.2716, -23.1628, -12.5461

Monochromacy



Original Color

50.2280, -21.2260, -16.0893

Achromatopsia

40.2529, -2.1478, 2.1870

Achromatomaly

42.6374, -12.8883, -5.3158

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.2280, -21.2260, -16.0893 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(12, 151, 173)` looks like.

```
.text, #text, p{  
    color:rgb(12, 151, 173)  
}
```

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(12, 151, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 151, 173) }
```

Border

The CSS property to change the border of an element to HunterLab 50.2280, -21.2260, -16.0893 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(12, 151, 173) }
```


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

```
.border{ border-color:rgb(12, 151, 173) }
```

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

Here you see how a box with a 4 pixel rgb(12, 151, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 151, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 151, 173);  
box-shadow:4px 4px 4px 4px rgb(12, 151,  
173) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.2280, -21.2260, -16.0893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 151, 173) }
```

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

```
.background{ background-color: rgb(12, 151,  
173) }
```

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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