

Converting Colors

HunterLab(63.9756, -26.5487,
-12.8280)

Have a look what the booklet for
HunterLab(63.9756, -26.5487,
-12.8280) contains.

HunterLab(63.9756, -26.5487, -12.8280)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(63.9756,
-26.5487, -12.8280)**

Conversions

Conversions Part 1

Format	Color
Hex	41BBCA
RGB	65, 187, 202
RGB Percent	25%, 73%, 79%
CMY	0.7451, 0.2667, 0.2078
CMYK	0.68, 0.07, 0.00, 0.21
HSL	187°, 56%, 52%
HSV	187°, 68%, 79%
XYZ	30.6110, 40.9288, 62.1638
YIQ	152.2320, -77.5270, -21.1990

Conversions

Conversions Part 2

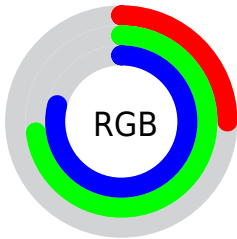
Format	Color
RYB	65, 130, 202
Decimal	4307914
CIELab	70.13, -28.50, -17.42
CIELCh	70, 33.407, 211.434
Yxy	40.9303, 0.2289, 0.3061
Android (android.graphics.Color)	4282497994 (0xFF41BBCA)
YUV	152.2320, 24.5356, -76.5025
Hunter-Lab	63.9756, -26.5487, -12.8280

Details

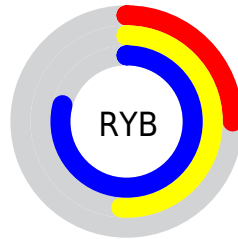
The HunterLab color **63.9756, -26.5487, -12.8280** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **43.2167, 40.7681, 20.4808**, and the grayscale version is **56.0567, -2.9910, 3.0457**.

A 20% lighter version of the original color is **87.1713, -31.4208, -11.1835**, and **43.4893, -19.7404, -11.7439** is the 20% darker color. If you saturate the color by 10%, you get **62.7921, -27.3341, -14.5477**, and if you desaturate by 10%, it is **65.3398, -25.0948, -10.8814**.

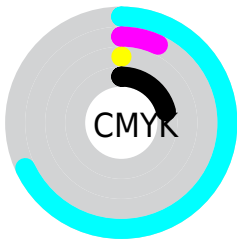
Distribution



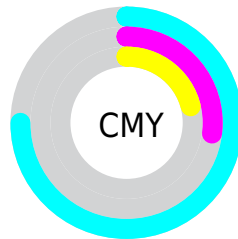
- Red (25%)
- Green (73%)
- Blue (79%)



- Red (25%)
- Yellow (51%)
- Blue (79%)



- Cyan (68%)
- Magenta (7%)
- Yellow (0%)
- Black (21%)



- Cyan (75%)
- Magenta (27%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.9756, -26.5487, -12.8280 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 63.9756, -26.5487, -12.8280 by changing the saturation by 10% instead.

63.9756, -26.5487,
-12.8280

63.9756, -26.5487,
-12.8280

187.0907,
-44.4210, -11.8201

53.1645, -24.3628,
-12.6677

87.5089, -30.7343,
-12.9589

43.0409, -22.0889,
-12.4408

100.1643,
-32.7600, -12.9394

33.6567, -19.6965,
-12.1429

113.3771,
-34.7532, -12.8676

25.0753, -17.1388,
-11.7745

127.1246,
-36.7204, -12.7465

17.3805, -14.3380,
-11.3480

141.3868,
-38.6669, -12.5790

10.6893, -12.5317,
-10.9208

156.1458,

1.1860, -2.0755,

-40.5969, -12.3673

-62.1170

171.3853,
-42.5140, -12.1137

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 63.9756, -26.5487,
-12.8280

■ 63.9756, -26.5487,
-12.8280

■ 62.7921, -27.3341,
-14.5477

■ 65.3398, -25.0948,
-10.8814

■ 61.7737, -27.4874,
-16.0478

■ 66.8880, -22.9618,
-8.7164

■ 60.8967, -27.0998,
-17.3538

■ 68.6241, -20.1604,
-6.3446

■ 60.7129, -26.9865,
-17.6297

■ 70.5476, -16.7168,
-3.7827

■ 72.6555, -12.6687,

-1.0505

■ 74.9430, -8.0609,
1.8314

■ 77.4037, -2.9427,
4.8427

■ 80.0306, 2.6361,
7.9639

■ 82.8158, 8.6261,
11.1773

Harmonies

Analogous

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



63.9768, -30.1544, 2.7810



63.9756, -26.5487, -12.8280



63.9768, -16.8345, -26.1549

Triad

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



63.9768, -26.5488, -12.8270



63.9768, 24.4061, -11.3318



63.9768, -4.1487, 25.5513

Complementary

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



63.9756, -26.5487, -12.8280



43.2167, 40.7681, 20.4808

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.



63.9768, 11.2062, 23.4454



63.9756, -26.5487, -12.8280



63.9768, 28.5908, 4.1760

Square

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



63.9768, -26.5488, -12.8270



63.9768, 12.5931, -25.1592



63.9768, 23.5541, 16.3807



63.9768, -17.9929, 22.9931

Rectangle

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



63.9756, -26.5487, -12.8280



63.9768, -7.7235, -30.6681



63.9768, 23.5541, 16.3807



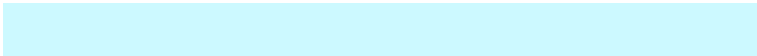
63.9768, 1.0063, 25.3691

Sweetspot

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



63.9768, -26.5488, -12.8270



93.8437, -17.8479, -2.2591



66.2767, -49.4554, 33.4060



43.0513, -8.9630, -1.5170

0.0000, NaN, NaN



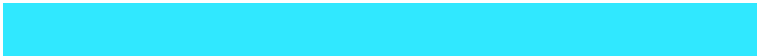
46.2646, -2.4686, 2.5136

Same Dimension

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



63.9768, -26.5488, -12.8270



81.1112, -35.7491, -19.8011



43.3298, 4.6466, -49.6792



35.3681, -4.1862, 0.6478



48.7847, -21.7526, -14.0190



11.3542, -5.2853, -2.7824

Inverse Universe

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



44.6389, 62.7109, -33.8422



54.0916, 93.2254, -49.0333



58.1975, 7.8886, 30.9029



33.7369, 2.5078, -0.7522



31.9462, 61.3622, -30.9332



7.2986, 14.0863, -7.5882

Previews

White Background



This preview shows how the HunterLab color 63.9756, -26.5487, -12.8280 looks on a white background.

Color Contrast Check

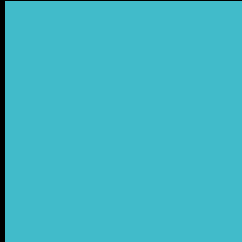
Large Text (above 18pt) WCAG AA × Fail

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 63.9756, -26.5487, -12.8280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

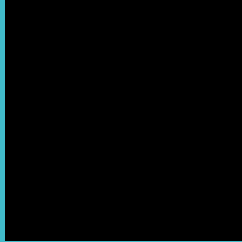
Any Text WCAG AA ✓ Pass

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 63.9756, -26.5487, -12.8280 Background



This preview shows how black text looks on a background with the HunterLab color 63.9756, -26.5487, -12.8280.



This preview shows how white text looks on a background with the HunterLab color 63.9756,

-26.5487, -12.8280.

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

63.9756, -26.5487, -12.8280

Protanopia

63.4895, -0.2816, -6.3760

Deuteranopia

63.7004, 4.6560, -15.6109



Tritanopia

63.9756, -26.5487, -12.8280

Trichromacy



Original Color

63.9756, -26.5487, -12.8280



Protanomaly

63.0012, -12.5923, -9.4318



Deuteranomaly

62.8531, -9.1304, -15.9134



Tritanomaly

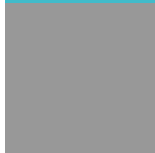
63.9756, -26.5487, -12.8280

Monochromacy



Original Color

63.9756, -26.5487, -12.8280



Achromatopsia

56.0347, -2.9899, 3.0445



Achromatomaly

58.1426, -14.3868, -3.2054

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.9756, -26.5487, -12.8280 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(65, 187, 202)` looks like.

```
.text, #text, p{  
    color:rgb(65, 187, 202)  
}
```

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(65, 187, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 187, 202) }
```

Border

The CSS property to change the border of an element to HunterLab 63.9756, -26.5487, -12.8280 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(65, 187, 202) }
```


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

```
.border{ border-color:rgb(65, 187, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 187, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 187, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 187, 202);  
box-shadow:4px 4px 4px 4px rgb(65, 187,  
202) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.9756, -26.5487, -12.8280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 187, 202) }
```

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

```
.background{ background-color: rgb(65, 187,  
202) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor