

Converting Colors

HunterLab(47.8878, -39.2514,
-29.3127)

Have a look what the booklet for
HunterLab(47.8878, -39.2514,
-29.3127) contains.

HunterLab(52.6325, -20.7964, -20.8927)	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(52.6325,
-20.7964, -20.8927)

Conversions

Conversions Part 1

Format	Color
Hex	009DBB
RGB	0, 157, 187
RGB Percent	0%, 62%, 73%
CMY	0.9999, 0.3843, 0.2667
CMYK	1.00, 0.16, 0.00, 0.27
HSL	190°, 100%, 37%
HSV	190°, 100%, 73%
XYZ	21.0266, 27.7018, 51.2525
YIQ	113.4770, -103.2020, -23.9540

Conversions

Conversions Part 2

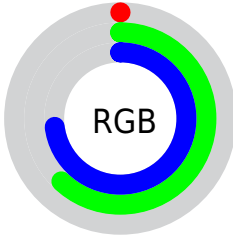
Format	Color
RYB	0, 85, 187
Decimal	40379
CIELab	59.62, -23.54, -25.20
CIELCh	60, 34.486, 226.949
Yxy	27.7028, 0.2103, 0.2771
Android (android.graphics.Color)	4278230459 (0xFF009DBB)
YUV	113.4770, 36.2468, -99.5193
Hunter-Lab	52.6325, -20.7964, -20.8927

Details

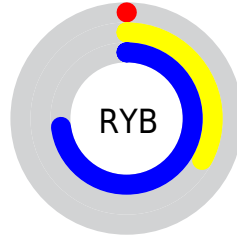
The HunterLab color **52.6325, -20.7964, -20.8927** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **33.9048, 51.0111, 21.7832**, and the grayscale version is **40.7179, -2.1726, 2.2123**.

A 20% lighter version of the original color is **74.8995, -24.6625, -21.4014**, and **34.3866, -11.6168, -17.9030** is the 20% darker color. If you saturate the color by 10%, you get **52.6313, -20.7945, -20.8952**, and if you desaturate by 10%, it is **53.7273, -21.5811, -19.1533**.

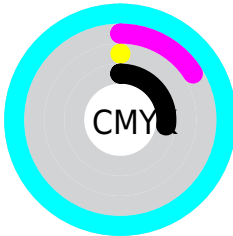
Distribution



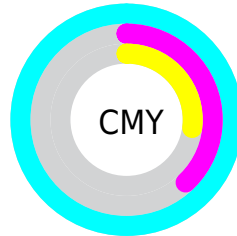
- Red (0%)
- Green (62%)
- Blue (73%)



- Red (0%)
- Yellow (33%)
- Blue (73%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (27%)



- Cyan (100%)
- Magenta (38%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.6325, -20.7964, -20.8927 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 52.6325, -20.7964, -20.8927 by changing the saturation by 10% instead.

■ 52.6325, -20.7964,
-20.8927

■ 52.6325, -20.7964,
-20.8927

170.6001,
-36.8127, -22.5218

■ 42.5461, -18.8379,
-20.4300

■ 74.8395, -24.5357,
-21.6415

■ 33.2010, -16.7911,
-19.9202

■ 86.8816, -26.3453,
-21.9275

■ 24.6624, -14.6182,
-19.3880

■ 99.5081, -28.1275,
-22.1563

■ 17.0153, -12.2561,
-18.9044

■ 112.6931,
-29.8887, -22.3300

■ 10.3792, -10.6400,
-18.6906

■ 126.4140,
-31.6342, -22.4511

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 140.6505,

-33.3680, -22.5220

0.0000, NaN, NaN

155.3846,
-35.0933, -22.5448

0.0000, NaN, NaN

■ 52.6325, -20.7964,
-20.8927

■ 52.6325, -20.7964,
-20.8927

■ 52.6313, -20.7945,
-20.8952

■ 53.7273, -21.5811,
-19.1533

■ 54.9407, -21.9199,
-17.2657

■ 56.3084, -21.6814,
-15.1864

■ 57.8399, -20.8351,
-12.9170

■ 59.5398, -19.3759,
-10.4681

■ 61.4085, -17.3176,
-7.8559

■ 63.4438, -14.6875,
-5.0996

■ 65.6412, -11.5219,
-2.2192

■ 67.9952, -7.8624,
0.7654

Harmonies

Analogous

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



52.6334, -27.2724, -5.6171



52.6325, -20.7964, -20.8927



52.6334, -9.0599, -30.7509

Triad

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



52.6334, -20.7961, -20.8918



52.6334, 27.7443, -3.5944



52.6334, -10.8219, 22.6812

Complementary

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



52.6325, -20.7964, -20.8927



33.9048, 51.0111, 21.7832

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.



52.6334, 3.7433, 22.9444



52.6325, -20.7964, -20.8927



52.6334, 27.1380, 10.1348

Square

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



52.6334, -20.7961, -20.8918



52.6334, 19.5437, -19.0645



52.6334, 17.9687, 19.0050



52.6334, -21.9634, 18.1475

Rectangle

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



52.6325, -20.7964, -20.8927



52.6334, 0.6623, -31.5422



52.6334, 17.9687, 19.0050



52.6334, -6.1969, 23.2172

Sweetspot

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



52.6334, -20.7961, -20.8918



84.7624, -19.8510, -7.0149



59.6871, -50.6769, 34.7954



39.2248, -10.0505, -4.0337



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



52.6334, -20.7961, -20.8918



70.2265, -27.5531, -28.2977



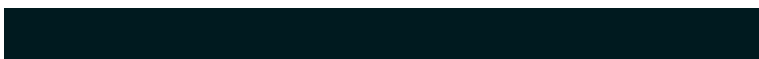
27.2459, 23.6508, -85.1054



32.4680, -3.6303, 0.4545



43.7881, -17.3937, -17.1832



9.0663, -3.9613, -2.7806

Inverse Universe

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



36.0557, 68.4924, -29.0387



48.2198, 91.5572, -38.4480



49.3732, 12.6569, 30.6438



31.0954, 2.1971, -0.4739



29.9421, 56.9077, -24.3021



5.9861, 11.4743, -5.6112

Previews

White Background



This preview shows how the HunterLab color 52.6325, -20.7964, -20.8927 looks on a white background.

Color Contrast Check

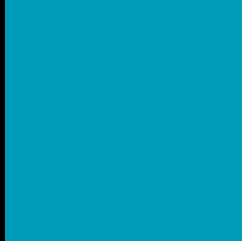
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.6325, -20.7964, -20.8927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

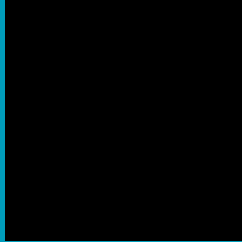
Any Text WCAG AA ✓ Pass

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 52.6325, -20.7964, -20.8927 Background



This preview shows how black text looks on a background with the HunterLab color 52.6325, -20.7964, -20.8927.



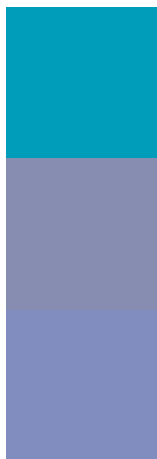
This preview shows how white text looks on a background with the HunterLab color 52.6325, -20.7964, -20.8927.

-20.7964, -20.8927.

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

52.6325, -20.7964, -20.8927

Protanopia

52.2831, 1.8906, -14.3293

Deuteranopia

52.4949, 3.8014, -23.2568



Tritanopia

52.6655, -25.2296, -11.3638

Trichromacy



Original Color

52.6325, -20.7964, -20.8927

Protanomaly

51.1284, -10.8887, -18.7583

Deuteranomaly

51.4044, -9.0658, -24.6718

Tritanomaly

52.5624, -23.5125, -14.9418

Monochromacy



Original Color

52.6325, -20.7964, -20.8927

Achromatopsia

40.6365, -2.1683, 2.2079

Achromatomaly

43.5565, -13.7013, -7.1737

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.6325, -20.7964, -20.8927 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, 157, 187)` looks like.

```
.text, #text, p{  
    color:rgb(0, 157, 187)  
}
```

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, 157, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 157, 187) }
```

Border

The CSS property to change the border of an element to HunterLab 52.6325, -20.7964, -20.8927 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, 157, 187) }
```


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

```
.border{ border-color:rgb(0, 157, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 157, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 157, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 157, 187);  
box-shadow:4px 4px 4px 4px rgb(0, 157,  
187) }
```

Background

The CSS property to change the background color of an element to HunterLab 52.6325, -20.7964, -20.8927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 157, 187) }
```

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

```
.background{ background-color: rgb(0, 157,  
187) }
```

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