

Converting Colors

HunterLab(51.9702, -34.3918,
-5.2297)

Have a look what the booklet for
HunterLab(51.9702, -34.3918,
-5.2297) contains.

HunterLab(53.2065, -29.0608, -3.7695)	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(53.2065,
-29.0608, -3.7695)**

Conversions

Conversions Part 1

Format	Color
Hex	00A29E
RGB	0, 162, 158
RGB Percent	0%, 64%, 62%
CMY	0.9999, 0.3647, 0.3804
CMYK	1.00, 0.00, 0.02, 0.36
HSL	179°, 100%, 32%
HSV	179°, 100%, 64%
XYZ	19.0919, 28.3093, 36.8058
YIQ	113.1060, -95.2680, -35.5880

Conversions

Conversions Part 2

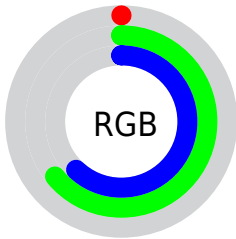
Format	Color
RYB	0, 82, 162
Decimal	41630
CIELab	60.17, -35.48, -8.00
CIELCh	60, 36.372, 192.701
Yxy	28.3104, 0.2267, 0.3362
Android (android.graphics.Color)	4278231710 (0xFF00A29E)
YUV	113.1060, 22.1327, -99.1940
Hunter-Lab	53.2065, -29.0608, -3.7695

Details

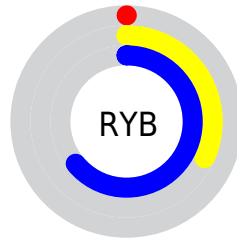
The HunterLab color **53.2065, -29.0608, -3.7695** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **27.7328, 47.5196, 17.6734**, and the grayscale version is **40.6248, -2.1676, 2.2072**.

A 20% lighter version of the original color is **75.3372, -33.8977, -3.7129**, and **34.9477, -19.1237, -2.3989** is the 20% darker color. If you saturate the color by 10%, you get **53.2073, -29.0617, -3.7687**, and if you desaturate by 10%, it is **53.3256, -28.5666, -3.8087**.

Distribution



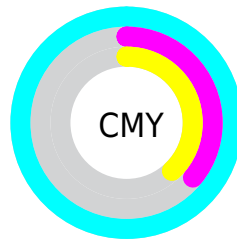
- Red (0%)
- Green (64%)
- Blue (62%)



- Red (0%)
- Yellow (32%)
- Blue (64%)



- Cyan (100%)
- Magenta (0%)
- Yellow (2%)
- Black (36%)





- Cyan (100%)
- Magenta (36%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 53.2065, -29.0608, -3.7695 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 53.2065, -29.0608, -3.7695 by changing the saturation by 10% instead.


 53.2065, -29.0608,
-3.7695


 53.2065, -29.0608,
-3.7695


171.4488,
-50.2809, -0.1972


 43.0810, -26.3273,
-3.9233


 75.4848, -34.1840,
-3.2877


 33.6936, -23.4296,
-4.0119


 87.5597, -36.6213,
-2.9708


 25.1088, -20.3063,
-4.0260


 100.2175,
-38.9973, -2.6081

 17.4101, -16.8563,
-3.9547

 113.4325,
-41.3233, -2.2024

 10.7145, -15.3562,
-3.7853

 127.1821,
-43.6082, -1.7564

 1.3642, -2.3874,
-24.2249

 141.4464,

0.0000, NaN, NaN

-45.8592, -1.2723

0.0000, NaN, NaN

156.2074,
-48.0818, -0.7520

0.0000, NaN, NaN

■ 53.2065, -29.0608,
-3.7695

■ 53.2065, -29.0608,
-3.7695

■ 53.2073, -29.0617,
-3.7687

■ 53.3256, -28.5666,
-3.8087

■ 53.5274, -27.7431,
-3.7346

■ 53.8475, -26.4594,
-3.5000

■ 54.2988, -24.6742,
-3.0890

■ 54.8910, -22.3652,
-2.4920

■ 55.6306, -19.5263,
-1.7049

■ 56.5217, -16.1657,
-0.7286

■ 57.5660, -12.3035,
0.4319

■ 58.7635, -7.9691,
1.7680

Harmonies

Analogous

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



53.2075, -28.5641, 10.7031



53.2065, -29.0608, -3.7695



53.2075, -23.1442, -20.3224

Triad

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



53.2075, -29.0609, -3.7688



53.2075, 19.0720, -22.6369



53.2075, 6.3766, 23.5751

Complementary

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



53.2065, -29.0608, -3.7695



27.7328, 47.5196, 17.6734

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.



53.2075, 21.0507, 18.8437



53.2065, -29.0608, -3.7695



53.2075, 28.9402, -6.3085

Square

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



53.2075, -29.0609, -3.7688



53.2075, 3.9167, -33.1459



53.2075, 29.7035, 8.7970



53.2075, -9.2791, 23.8932

Rectangle

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



53.2065, -29.0608, -3.7695



53.2075, -15.9146, -29.2197



53.2075, 29.7035, 8.7970



53.2075, 11.6291, 22.5281

Sweetspot

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



53.2075, -29.0609, -3.7688



76.0787, -22.0664, -1.0660



50.8691, -43.4429, 30.5838



35.8169, -11.3510, -0.7671



90.9709, -4.8540, 4.9426



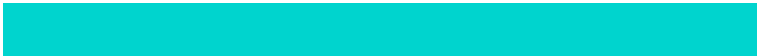
38.3822, -2.0480, 2.0854

Same Dimension

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



53.2075, -29.0609, -3.7688



71.6861, -39.1764, -5.0308



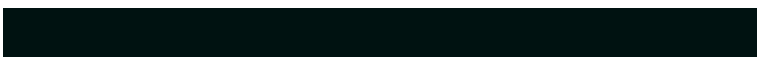
30.5463, 4.2966, -47.4521



28.2988, -3.6754, 0.8988



47.2268, -25.7884, -3.3597



6.8522, -3.6999, -0.5776

Inverse Universe

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



27.7328, 47.5196, 17.6734



37.3585, 64.0082, 23.9024



35.7740, 24.5099, 22.4716



26.6245, 0.8773, 2.1348



24.6160, 42.1876, 15.6585



3.5794, 6.1569, 2.1037

Previews

White Background



This preview shows how the HunterLab color 53.2065, -29.0608, -3.7695 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 53.2065, -29.0608, -3.7695 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

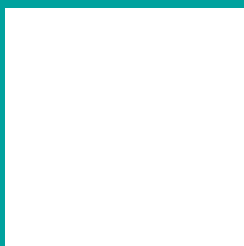
Any Text WCAG AAA × Fail

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

HunterLab 53.2065, -29.0608, -3.7695 Background



This preview shows how black text looks on a background with the HunterLab color 53.2065, -29.0608, -3.7695.



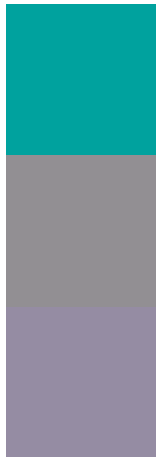
This preview shows how white text looks on a background with the HunterLab color 53.2065,

-29.0608, -3.7695.

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

53.2065, -29.0608, -3.7695

Protanopia

52.7849, -1.2620, 1.4982

Deuteranopia

52.7163, 3.8540, -6.4202



Tritanopia

53.3686, -24.0240, -11.4568

Trichromacy



Original Color

53.2065, -29.0608, -3.7695



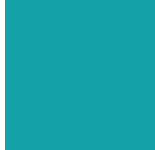
Protanomaly

51.3558, -16.8595, -2.4514



Deuteranomaly

51.1722, -13.7095, -7.7751



Tritanomaly

53.3632, -26.0775, -8.7347

Monochromacy



Original Color

53.2065, -29.0608, -3.7695



Achromatopsia

40.6365, -2.1683, 2.2079



Achromatomaly

43.8124, -16.5725, -1.3990

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.2065, -29.0608, -3.7695 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, 162, 158)` looks like.

```
.text, #text, p{  
    color:rgb(0, 162, 158)  
}
```

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, 162, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 162, 158) }
```

Border

The CSS property to change the border of an element to HunterLab 53.2065, -29.0608, -3.7695 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, 162, 158) }
```


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

```
.border{ border-color:rgb(0, 162, 158) }
```

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

Here you see how a box with a 4 pixel rgb(0, 162, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 162, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 162, 158);  
box-shadow:4px 4px 4px 4px rgb(0, 162,  
158) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.2065, -29.0608, -3.7695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 162, 158) }
```

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

```
.background{ background-color: rgb(0, 162,  
158) }
```

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