

Converting Colors

HunterLab(56.2805, -36.3529,
-16.9317)

Have a look what the booklet for
HunterLab(56.2805, -36.3529,
-16.9317) contains.

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Color

**HunterLab(58.5953,
-27.8603, -13.0965)**

Conversions

Conversions Part 1

Format	Color
Hex	00AFBD
RGB	0, 175, 189
RGB Percent	0%, 69%, 74%
CMY	0.9998, 0.3137, 0.2588
CMYK	1.00, 0.07, 0.00, 0.26
HSL	184°, 100%, 37%
HSV	184°, 100%, 74%
XYZ	24.5153, 34.3341, 53.4792
YIQ	124.2710, -108.7940, -32.7460

Conversions

Conversions Part 2

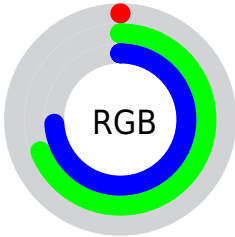
Format	Color
RYB	0, 91, 189
Decimal	44989
CIELab	65.23, -31.84, -17.75
CIELCh	65, 36.454, 209.141
Yxy	34.3353, 0.2182, 0.3057
Android (android.graphics.Color)	4278235069 (0xFF00AFBD)
YUV	124.2710, 31.9114, -108.9857
Hunter-Lab	58.5953, -27.8603, -13.0965

Details

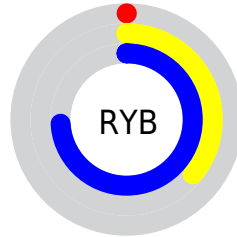
The HunterLab color **58.5953, -27.8603, -13.0965** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **33.3679, 54.7166, 21.5170**, and the grayscale version is **44.9161, -2.3966, 2.4404**.

A 20% lighter version of the original color is **81.5192, -32.4900, -13.1669**, and **39.6190, -17.9559, -10.7587** is the 20% darker color. If you saturate the color by 10%, you get **58.5951, -27.8598, -13.0974**, and if you desaturate by 10%, it is **59.1784, -27.9819, -12.2600**.

Distribution



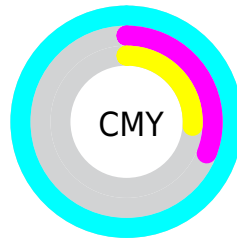
- Red (0%)
- Green (69%)
- Blue (74%)



- Red (0%)
- Yellow (36%)
- Blue (74%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (26%)



- Cyan (100%)
- Magenta (31%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.5953, -27.8603, -13.0965 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 58.5953, -27.8603, -13.0965 by changing the saturation by 10% instead.

■ 58.5953, -27.8603,
-13.0965

■ 58.5953, -27.8603,
-13.0965

179.3390,
-47.2829, -12.4043

■ 48.1158, -25.4249,
-12.8921

■ 81.5198, -32.4761,
-13.3097

■ 38.3475, -22.8692,
-12.6194

■ 93.8931, -34.6918,
-13.3282

■ 29.3476, -20.1500,
-12.2760

■ 106.8358,
-36.8623, -13.2927

■ 21.1885, -17.1991,
-11.8672

■ 120.3240,
-38.9961, -13.2062

■ 13.9678, -13.8999,
-11.4227

■ 134.3364,
-41.1001, -13.0717

■ 7.6076, -13.3133,
-11.7058

148.8541,

0.0000, NaN, -NF

-43.1797, -12.8917

0.0000, NaN, NaN

163.8601,
-45.2394, -12.6685

0.0000, NaN, NaN

■ 58.5953, -27.8603,
-13.0965

■ 58.5953, -27.8603,
-13.0965

■ 58.5951, -27.8598,
-13.0974

■ 59.1784, -27.9819,
-12.2600

■ 59.8712, -27.6753,
-11.2696

■ 60.7109, -26.8040,
-10.0775

■ 61.7111, -25.3242,
-8.6732

■ 62.8807, -23.2168,
-7.0552

■ 64.2246, -20.4831,
-5.2294

■ 65.7443, -17.1402,
-3.2070

■ 67.4392, -13.2179,
-1.0028

■ 69.3062, -8.7548,
1.3661

Harmonies

Analogous

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



58.5964, -31.0588, 3.6306



58.5953, -27.8603, -13.0965



58.5964, -18.2220, -28.2566

Triad

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



58.5964, -27.8602, -13.0956



58.5964, 25.9807, -14.0751



58.5964, -2.6635, 25.7055

Complementary

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



58.5953, -27.8603, -13.0965



33.3679, 54.7166, 21.5170

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.



58.5964, 13.6638, 23.3033



58.5953, -27.8603, -13.0965



58.5964, 31.2644, 2.7451

Square

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



58.5964, -27.8602, -13.0956



58.5964, 12.7716, -28.9215



58.5964, 26.5339, 15.8280



58.5964, -17.4976, 23.5689

Rectangle

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



58.5953, -27.8603, -13.0965



58.5964, -8.8657, -33.8695



58.5964, 26.5339, 15.8280



58.5964, 2.8358, 25.4160

Sweetspot

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



58.5964, -27.8602, -13.0956



87.8763, -23.1816, -4.4336



60.3524, -51.5846, 35.9236



40.3422, -11.6620, -2.5970



97.7295, -5.2146, 5.3098



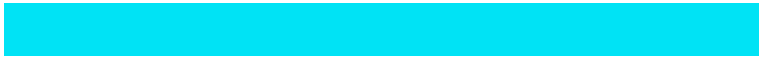
44.2712, -2.3622, 2.4053

Same Dimension

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



58.5964, -27.8602, -13.0956



78.3168, -37.1607, -17.6700



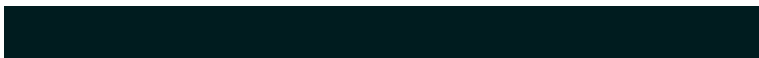
31.1409, 15.4198, -72.2054



32.6883, -3.9823, 0.7154



48.1139, -22.9152, -10.6708



9.7120, -4.7686, -1.8452

Inverse Universe

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



37.3029, 72.1736, -40.2153



49.9040, 96.5381, -53.6127



46.2160, 20.5338, 28.8360



31.1187, 2.3217, -0.8044



30.6050, 59.2322, -33.0933



6.0875, 11.8286, -6.9465

Previews

White Background



This preview shows how the HunterLab color 58.5953, -27.8603, -13.0965 looks on a white background.

Color Contrast Check

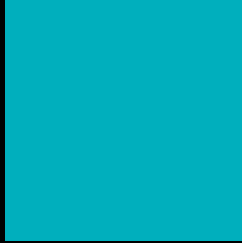
Large Text (above 18pt) WCAG AA × Fail

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 58.5953, -27.8603, -13.0965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

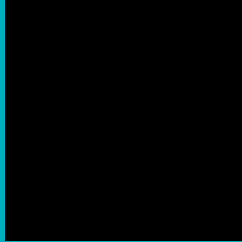
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

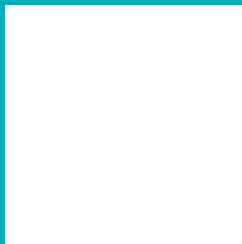
Any Text WCAG AAA ✓ Pass

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

HunterLab 58.5953, -27.8603, -13.0965 Background



This preview shows how black text looks on a background with the HunterLab color 58.5953, -27.8603, -13.0965.



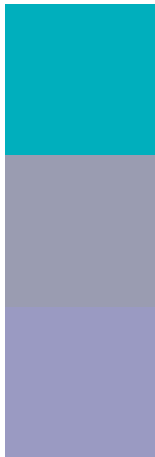
This preview shows how white text looks on a background with the HunterLab color 58.5953, -27.8603, -13.0965.

-27.8603, -13.0965.

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

58.5953, -27.8603, -13.0965

Protanopia

58.1561, -0.0228, -6.5709

Deuteranopia

58.2033, 4.3169, -16.0517



Tritanopia

58.6228, -27.7530, -13.0548

Trichromacy



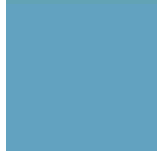
Original Color

58.5953, -27.8603, -13.0965



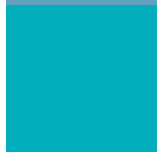
Protanomaly

56.6809, -15.8173, -11.0788



Deuteranomaly

56.7830, -13.0115, -17.3093



Tritanomaly

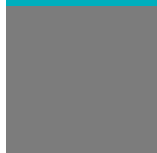
58.6118, -27.7959, -13.0715

Monochromacy



Original Color

58.5953, -27.8603, -13.0965



Achromatopsia

44.8950, -2.3955, 2.4392



Achromatomaly

48.4204, -16.9334, -4.7664

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.5953, -27.8603, -13.0965 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, 175, 189)` looks like.

```
.text, #text, p{  
    color:rgb(0, 175, 189)  
}
```

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, 175, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 175, 189) }
```

Border

The CSS property to change the border of an element to HunterLab 58.5953, -27.8603, -13.0965 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, 175, 189) }
```


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

```
.border{ border-color:rgb(0, 175, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 175, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 175, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 175, 189);  
box-shadow:4px 4px 4px 4px rgb(0, 175,  
189) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.5953, -27.8603, -13.0965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 175, 189) }
```

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

```
.background{ background-color: rgb(0, 175,  
189) }
```

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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