

Converting Colors

HunterLab(51.8124, -22.8447,
-15.4459)

Have a look what the booklet for
HunterLab(51.8124, -22.8447,
-15.4459) contains.

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Color

**HunterLab(51.8763,
-22.9125, -15.3794)**

Conversions

Conversions Part 1

Format	Color
Hex	009CB0
RGB	0, 156, 176
RGB Percent	0%, 61%, 69%
CMY	0.9999, 0.3882, 0.3098
CMYK	1.00, 0.11, 0.00, 0.31
HSL	187°, 100%, 35%
HSV	187°, 100%, 69%
XYZ	19.7249, 26.9115, 45.2291
YIQ	111.6360, -99.3960, -26.8520

Conversions

Conversions Part 2

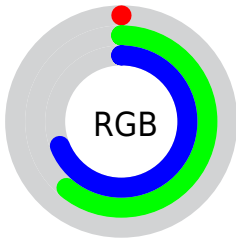
Format	Color
RYB	0, 83, 176
Decimal	40112
CIELab	58.89, -26.79, -20.10
CIELCh	59, 33.490, 216.887
Yxy	26.9125, 0.2147, 0.2929
Android (android.graphics.Color)	4278230192 (0xFF009CB0)
YUV	111.6360, 31.7315, -97.9048
Hunter-Lab	51.8763, -22.9125, -15.3794

Details

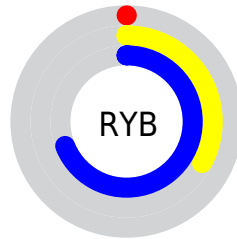
The HunterLab color **51.8763, -22.9125, -15.3794** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **31.1957, 49.2929, 20.0838**, and the grayscale version is **40.0272, -2.1358, 2.1748**.

A 20% lighter version of the original color is **74.0592, -26.9780, -15.9565**, and **33.6611, -13.6976, -12.5043** is the 20% darker color. If you saturate the color by 10%, you get **51.8758, -22.9116, -15.3807**, and if you desaturate by 10%, it is **52.6443, -23.2748, -14.2282**.

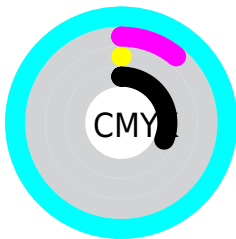
Distribution



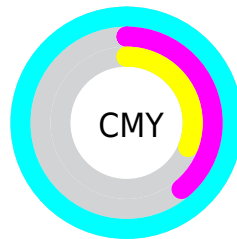
- Red (0%)
- Green (61%)
- Blue (69%)



- Red (0%)
- Yellow (33%)
- Blue (69%)



- Cyan (100%)
- Magenta (11%)
- Yellow (0%)
- Black (31%)



- Cyan (100%)
- Magenta (39%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.8763, -22.9125, -15.3794 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 51.8763, -22.9125, -15.3794 by changing the saturation by 10% instead.

51.8763, -22.9125,
-15.3794

51.8763, -22.9125,
-15.3794

169.4795,
-40.3515, -15.6629

41.8420, -20.7383,
-15.0544

73.9888, -27.0337,
-15.8305

32.5530, -18.4524,
-14.6643

85.9873, -29.0155,
-15.9638

24.0760, -16.0089,
-14.2165

98.5722, -30.9600,
-16.0397

16.4977, -13.3305,
-13.7428

111.7175,
-32.8752, -16.0615

9.9411, -12.3355,
-13.3593

125.4002,
-34.7675, -16.0321

0.0000, NaN, -NF

0.0000, NaN, -NF

139.5999,

-36.6418, -15.9543

0.0000, NaN, NaN

154.2985,
-38.5021, -15.8305

0.0000, NaN, NaN

■ 51.8763, -22.9125,
-15.3794

■ 51.8763, -22.9125,
-15.3794

■ 51.8758, -22.9116,
-15.3807

■ 52.6443, -23.2748,
-14.2282

■ 53.5150, -23.2423,
-12.9385

■ 54.5240, -22.6838,
-11.4649

■ 55.6820, -21.5656,
-9.8028

■ 56.9953, -19.8766,
-7.9563

■ 58.4662, -17.6237,
-5.9355

■ 60.0947, -14.8272,
-3.7543

■ 61.8784, -11.5173,
-1.4291

■ 63.8134, -7.7306,
1.0230

Harmonies

Analogous

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



51.8772, -27.2611, -0.3991



51.8763, -22.9125, -15.3794



51.8772, -13.0917, -27.3141

Triad

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



51.8772, -22.9124, -15.3786



51.8772, 24.9036, -8.4817



51.8772, -6.0149, 22.6043

Complementary

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



51.8763, -22.9125, -15.3794



31.1957, 49.2929, 20.0838

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.



51.8772, 8.4258, 21.5278



51.8763, -22.9125, -15.3794



51.8772, 27.3213, 5.8524

Square

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



51.8772, -22.9124, -15.3786



51.8772, 14.7166, -22.6401



51.8772, 21.0066, 16.1563



51.8772, -18.2105, 19.6410

Rectangle

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



51.8763, -22.9125, -15.3794



51.8772, -4.2499, -30.5158



51.8772, 21.0066, 16.1563



51.8772, -1.2750, 22.6866

Sweetspot

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



51.8772, -22.9124, -15.3786



80.8060, -20.1910, -5.2209



55.7617, -47.5428, 32.9361



37.1881, -10.1530, -3.0020



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



51.8772, -22.9124, -15.3786



69.7097, -30.6612, -20.9423



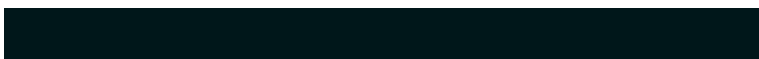
27.5097, 17.0911, -71.2752



30.7625, -3.5930, 0.5709



44.4961, -19.7028, -13.0835



8.1821, -3.8587, -1.8970

Inverse Universe

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



34.1047, 65.4380, -32.5201



45.9044, 88.0487, -43.4849



44.1122, 15.9507, 27.4597



29.3765, 2.1088, -0.5988



29.2213, 56.0876, -27.9795



5.2284, 10.1067, -5.5582

Previews

White Background



This preview shows how the HunterLab color 51.8763, -22.9125, -15.3794 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 51.8763, -22.9125, -15.3794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

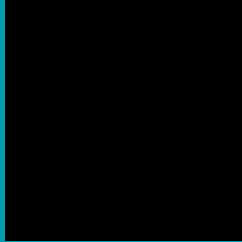
Any Text WCAG AA ✓ Pass

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 51.8763, -22.9125, -15.3794 Background



This preview shows how black text looks on a background with the HunterLab color 51.8763, -22.9125, -15.3794.



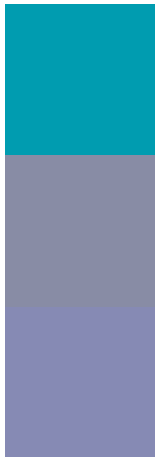
This preview shows how white text looks on a background with the HunterLab color 51.8763, -22.9125, -15.3794.

-22.9125, -15.3794.

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

51.8763, -22.9125, -15.3794

Protanopia

51.6788, 0.4822, -8.9873

Deuteranopia

51.5175, 3.9431, -17.8807

Trichromacy



Original Color

51.8763, -22.9125, -15.3794

Protanomaly

50.4466, -12.6632, -13.2530

Deuteranomaly

50.4349, -10.3685, -19.2395

Monochromacy



Original Color

51.8763, -22.9125, -15.3794

Achromatopsia

40.2529, -2.1478, 2.1870

Achromatomaly

43.0432, -14.4027, -5.3026

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.8763, -22.9125, -15.3794 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, 156, 176)` looks like.

```
.text, #text, p{  
    color:rgb(0, 156, 176)  
}
```

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, 156, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 156, 176) }
```

Border

The CSS property to change the border of an element to HunterLab 51.8763, -22.9125, -15.3794 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, 156, 176) }
```

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

```
.border{ border-color:rgb(0, 156, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 156, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 156, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 156, 176);  
box-shadow:4px 4px 4px 4px rgb(0, 156,  
176) }
```


Background

The CSS property to change the background color of an element to HunterLab 51.8763, -22.9125, -15.3794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 156, 176) }
```

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

```
.background{ background-color: rgb(0, 156,  
176) }
```

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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