

Converting Colors

HunterLab(52.3538, -22.4229,
-17.0332)

Have a look what the booklet for
HunterLab(52.3538, -22.4229,
-17.0332) contains.

HunterLab(52.3538, -22.4229, -17.0332)	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(52.3538,
-22.4229, -17.0332)**

Conversions

Conversions Part 1

Format	Color
Hex	009DB4
RGB	0, 157, 180
RGB Percent	0%, 62%, 71%
CMY	0.9999, 0.3843, 0.2941
CMYK	1.00, 0.13, 0.00, 0.29
HSL	188°, 100%, 35%
HSV	188°, 100%, 71%
XYZ	20.2952, 27.4092, 47.4009
YIQ	112.6790, -100.9550, -26.1310

Conversions

Conversions Part 2

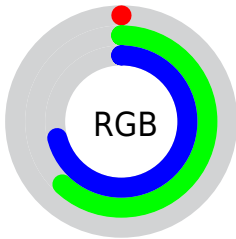
Format	Color
RYB	0, 84, 180
Decimal	40372
CIELab	59.35, -25.94, -21.66
CIELCh	59, 33.794, 219.867
Yxy	27.4102, 0.2134, 0.2882
Android (android.graphics.Color)	4278230452 (0xFF009DB4)
YUV	112.6790, 33.1893, -98.8195
Hunter-Lab	52.3538, -22.4229, -17.0332

Details

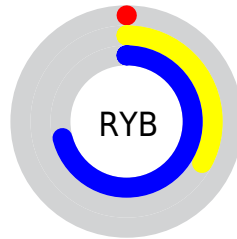
The HunterLab color **52.3538, -22.4229, -17.0332** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **32.1210, 50.0951, 20.6680**, and the grayscale version is **40.4221, -2.1568, 2.1962**.

A 20% lighter version of the original color is **74.5854, -26.4007, -17.5859**, and **34.1108, -13.2130, -14.1124** is the 20% darker color. If you saturate the color by 10%, you get **52.3532, -22.4217, -17.0348**, and if you desaturate by 10%, it is **53.2209, -22.9097, -15.7113**.

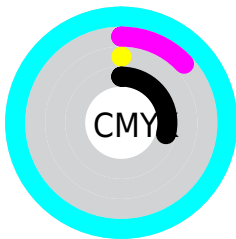
Distribution



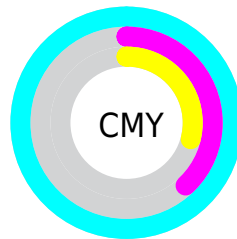
- Red (0%)
- Green (62%)
- Blue (71%)



- Red (0%)
- Yellow (33%)
- Blue (71%)



- Cyan (100%)
- Magenta (13%)
- Yellow (0%)
- Black (29%)



- Cyan (100%)
- Magenta (38%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.3538, -22.4229, -17.0332 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 52.3538, -22.4229, -17.0332 by changing the saturation by 10% instead.

52.3538, -22.4229,
-17.0332

52.3538, -22.4229,
-17.0332

170.1875,
-39.4806, -17.7319

42.2865, -20.3080,
-16.6639

74.5261, -26.4403,
-17.5777

32.9620, -18.0886,
-16.2339

86.5521, -28.3757,
-17.7583

24.4461, -15.7215,
-15.7546

99.1634, -30.2767,
-17.8813

16.8242, -13.1344,
-15.2675

112.3338,
-32.1508, -17.9498

10.2172, -11.7505,
-14.9131

126.0406,
-34.0040, -17.9666

0.0000, NaN, -NF

0.0000, NaN, -NF

140.2636,

-35.8410, -17.9343

0.0000, NaN, NaN

154.9846,
-37.6655, -17.8553

0.0000, NaN, NaN

■ 52.3538, -22.4229,
-17.0332

■ 52.3538, -22.4229,
-17.0332

■ 52.3532, -22.4217,
-17.0348

■ 53.2209, -22.9097,
-15.7113

■ 54.1959, -22.9844,
-14.2465

■ 55.3143, -22.5157,
-12.5939

■ 56.5869, -21.4703,
-10.7505

■ 58.0192, -19.8389,
-8.7225

■ 59.6133, -17.6302,
-6.5216

■ 61.3683, -14.8666,
-4.1636

■ 63.2814, -11.5804,
-1.6660

■ 65.3481, -7.8098,
0.9530

Harmonies

Analogous

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



52.3547, -27.4077, -1.8743



52.3538, -22.4229, -17.0332



52.3547, -12.0019, -28.4537

Triad

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



52.3547, -22.4227, -17.0324



52.3547, 25.8613, -7.0655



52.3547, -7.4633, 22.7443

Complementary

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



52.3538, -22.4229, -17.0332



32.1210, 50.0951, 20.6680

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.



52.3547, 7.0928, 22.0576



52.3538, -22.4229, -17.0332



52.3547, 27.4153, 7.1710

Square

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



52.3547, -22.4227, -17.0324



52.3547, 16.1879, -21.7045



52.3547, 20.2290, 17.0940



52.3547, -19.4099, 19.3208

Rectangle

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



52.3538, -22.4229, -17.0332



52.3547, -2.8607, -30.9805



52.3547, 20.2290, 17.0940



52.3547, -2.7319, 22.9589

Sweetspot

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



52.3547, -22.4227, -17.0324



82.5043, -20.2347, -5.7803



57.1816, -48.6936, 33.6455



37.8909, -10.1583, -3.3088



95.4677, -5.0939, 5.1869



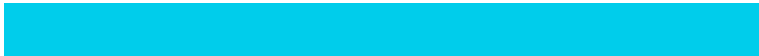
42.2927, -2.2566, 2.2978

Same Dimension

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



52.3547, -22.4227, -17.0324



70.3248, -29.9715, -23.2001



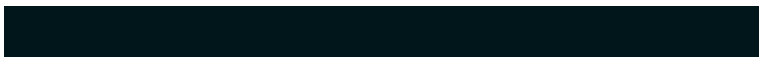
27.4852, 19.2359, -75.8744



30.7287, -3.5390, 0.5308



43.8152, -18.8322, -14.1118



8.0960, -3.7513, -2.0213

Inverse Universe

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



34.8404, 66.6470, -31.6495



46.8866, 89.6563, -42.2716



45.9078, 14.9567, 28.5488



29.3729, 2.0897, -0.5481



29.1173, 55.7226, -26.5982



5.2149, 10.0593, -5.3799

Previews

White Background



This preview shows how the HunterLab color 52.3538, -22.4229, -17.0332 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 52.3538, -22.4229, -17.0332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

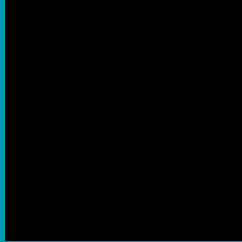
Any Text WCAG AA ✓ Pass

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 52.3538, -22.4229, -17.0332 Background



This preview shows how black text looks on a background with the HunterLab color 52.3538, -22.4229, -17.0332.



This preview shows how white text looks on a background with the HunterLab color 52.3538, -22.4229, -17.0332.

-22.4229, -17.0332.

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

52.3538, -22.4229, -17.0332

Protanopia

52.1043, 0.7654, -10.5929

Deuteranopia

52.2352, 3.7970, -19.2183



Tritanopia

52.3393, -24.8257, -11.8281

Trichromacy



Original Color

52.3538, -22.4229, -17.0332

Protanomaly

50.9027, -12.2584, -14.8981

Deuteranomaly

50.8999, -9.9158, -20.9937

Tritanomaly

52.4497, -24.1749, -13.3708

Monochromacy



Original Color

52.3538, -22.4229, -17.0332

Achromatopsia

40.6365, -2.1683, 2.2079

Achromatomaly

43.4562, -14.2779, -5.7628

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.3538, -22.4229, -17.0332 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(0, 157, 180)  
}
```

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, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 157, 180) }
```

Border

The CSS property to change the border of an element to HunterLab 52.3538, -22.4229, -17.0332 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, 180) }
```


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

```
.border{ border-color:rgb(0, 157, 180) }
```

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, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 157, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 157, 180);  
box-shadow:4px 4px 4px 4px rgb(0, 157,  
180) }
```

Background

The CSS property to change the background color of an element to HunterLab 52.3538, -22.4229, -17.0332 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, 180) }
```

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

```
.background{ background-color: rgb(0, 157,  
180) }
```

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