

Converting Colors

HunterLab(53.4827, -22.1546,
-19.0233)

Have a look what the booklet for
HunterLab(53.4827, -22.1546,
-19.0233) contains.

HunterLab(53.5600, -22.2977, -18.8111)	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(53.5600,
-22.2977, -18.8111)**

Conversions

Conversions Part 1

Format	Color
Hex	00A0BA
RGB	0, 160, 186
RGB Percent	0%, 63%, 73%
CMY	0.9999, 0.3725, 0.2706
CMYK	1.00, 0.14, 0.00, 0.27
HSL	188°, 100%, 36%
HSV	188°, 100%, 73%
XYZ	21.4337, 28.6867, 50.8618
YIQ	115.1240, -103.7060, -25.8340

Conversions

Conversions Part 2

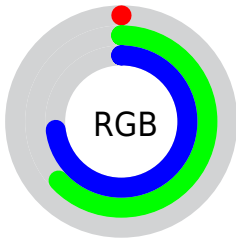
Format	Color
RYB	0, 86, 186
Decimal	41146
CIELab	60.51, -25.42, -23.28
CIElCh	61, 34.468, 222.480
Yxy	28.6878, 0.2123, 0.2841
Android (android.graphics.Color)	4278231226 (0xFF00A0BA)
YUV	115.1240, 34.9419, -100.9637
Hunter-Lab	53.5600, -22.2977, -18.8111

Details

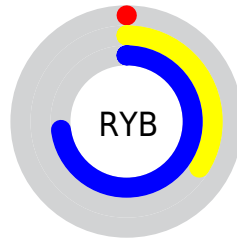
The HunterLab color **53.5600, -22.2977, -18.8111** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **33.4360, 51.5698, 21.5041**, and the grayscale version is **41.3562, -2.2067, 2.2470**.

A 20% lighter version of the original color is **75.8637, -26.2757, -19.3653**, and **35.2400, -13.0627, -15.8483** is the 20% darker color. If you saturate the color by 10%, you get **53.5591, -22.2962, -18.8131**, and if you desaturate by 10%, it is **54.5284, -22.9120, -17.3125**.

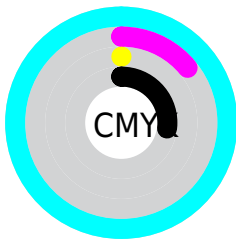
Distribution



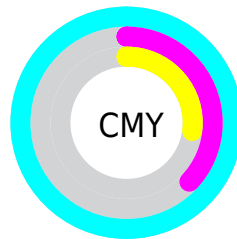
- Red (0%)
- Green (63%)
- Blue (73%)



- Red (0%)
- Yellow (34%)
- Blue (73%)



- Cyan (100%)
- Magenta (14%)
- Yellow (0%)
- Black (27%)



- Cyan (100%)
- Magenta (37%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.5600, -22.2977, -18.8111 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 53.5600, -22.2977, -18.8111 by changing the saturation by 10% instead.

■ 53.5600, -22.2977,
-18.8111

■ 53.5600, -22.2977,
-18.8111

171.9706,
-39.1028, -19.8932

■ 43.4105, -20.2260,
-18.4033

■ 75.8819, -26.2426,
-19.4391

■ 33.9973, -18.0569,
-17.9393

■ 87.9768, -28.1467,
-19.6629

■ 25.3842, -15.7504,
-17.4344

■ 100.6538,
-30.0188, -19.8294

■ 17.6540, -13.2405,
-16.9367

■ 113.8872,
-31.8660, -19.9412

■ 10.9221, -11.1904,
-16.6000

■ 127.6545,
-33.6940, -20.0011

■ 2.3646, -4.1381,
-45.5972

■ 141.9358,

0.0000, NaN, -NF

-35.5072, -20.0115

0.0000, NaN, NaN

156.7132,
-37.3092, -19.9748

0.0000, NaN, NaN

■ 53.5600, -22.2977,
-18.8111

■ 53.5600, -22.2977,
-18.8111

■ 53.5591, -22.2962,
-18.8131

■ 54.5284, -22.9120,
-17.3125

■ 55.6115, -23.0903,
-15.6644

■ 56.8453, -22.7004,
-13.8223

■ 58.2404, -21.7088,
-11.7847

■ 59.8021, -20.1072,
-9.5593

■ 61.5320, -17.9065,
-7.1600

■ 63.4288, -15.1312,
-4.6040

■ 65.4889, -11.8159,
-1.9105

■ 67.7074, -8.0011,
0.9013

Harmonies

Analogous

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



53.5610, -27.9392, -3.2788



53.5600, -22.2977, -18.8111



53.5610, -11.1718, -29.9091

Triad

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



53.5610, -22.2975, -18.8102



53.5610, 27.1101, -5.9034



53.5610, -8.8801, 23.2029

Complementary

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



53.5600, -22.2977, -18.8111



33.4360, 51.5698, 21.5041

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.



53.5610, 5.9901, 22.8579



53.5600, -22.2977, -18.8111



53.5610, 27.8962, 8.4483

Square

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



53.5610, -22.2975, -18.8102



53.5610, 17.7725, -21.1758



53.5610, 19.8160, 18.1805



53.5610, -20.7774, 19.3014

Rectangle

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



53.5600, -22.2977, -18.8111



53.5610, -1.6224, -31.8500



53.5610, 19.8160, 18.1805



53.5610, -4.0879, 23.5415

Sweetspot

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



53.5610, -22.2975, -18.8102



85.2574, -20.5823, -6.3807



59.3194, -50.4473, 34.7594



39.4906, -10.4372, -3.6880



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.



53.5610, -22.2975, -18.8102



71.9195, -29.7738, -25.6199



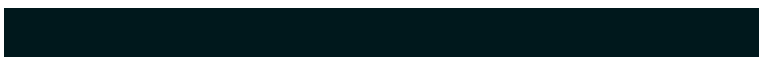
27.7610, 21.7877, -81.7274



31.6082, -3.6035, 0.5069



44.0238, -18.4092, -15.2858



8.6178, -3.9066, -2.3382

Inverse Universe

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



36.0252, 68.7339, -31.3350



48.4710, 92.4421, -41.8100



48.3243, 14.0814, 30.0224



30.2334, 2.1499, -0.5288



29.5615, 56.4289, -25.8881



5.6042, 10.7836, -5.5747

Previews

White Background



This preview shows how the HunterLab color 53.5600, -22.2977, -18.8111 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 53.5600, -22.2977, -18.8111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

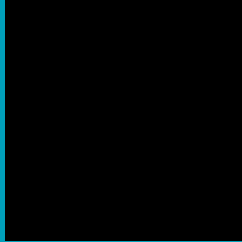
Any Text WCAG AA ✓ Pass

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 53.5600, -22.2977, -18.8111 Background



This preview shows how black text looks on a background with the HunterLab color 53.5600, -22.2977, -18.8111.



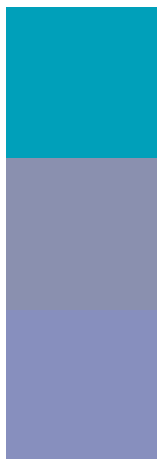
This preview shows how white text looks on a background with the HunterLab color 53.5600,

-22.2977, -18.8111.

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

53.5600, -22.2977, -18.8111

Protanopia

53.3338, 1.0213, -12.2049

Deuteranopia

53.3981, 3.8575, -21.1193



Tritanopia

53.4282, -25.3950, -11.9602

Trichromacy



Original Color

53.5600, -22.2977, -18.8111



Protanomaly

52.0981, -12.1369, -16.6451



Deuteranomaly

52.1032, -9.7454, -22.8497



Tritanomaly

53.5762, -24.5231, -14.0274

Monochromacy



Original Color

53.5600, -22.2977, -18.8111



Achromatopsia

41.4054, -2.2093, 2.2496



Achromatomaly

44.2404, -14.1891, -6.7592

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.5600, -22.2977, -18.8111 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, 160, 186)` looks like.

```
.text, #text, p{  
  color:rgb(0, 160, 186)  
}
```

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, 160, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 160, 186) }
```

Border

The CSS property to change the border of an element to HunterLab 53.5600, -22.2977, -18.8111 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, 160, 186) }
```


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

```
.border{ border-color:rgb(0, 160, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 160, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 160, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 160, 186);  
box-shadow:4px 4px 4px 4px rgb(0, 160,  
186) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.5600, -22.2977, -18.8111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 160, 186) }
```

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

```
.background{ background-color: rgb(0, 160,  
186) }
```

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