

Converting Colors

HunterLab(54.9985, -20.9657,
-8.8861)

Have a look what the booklet for
HunterLab(54.9985, -20.9657,
-8.8861) contains.

HunterLab(55.0220, -20.9891, -9.0649)	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(55.0220,
-20.9891, -9.0649)**

Conversions

Conversions Part 1

Format	Color
Hex	49A2AD
RGB	73, 162, 173
RGB Percent	29%, 64%, 68%
CMY	0.7137, 0.3647, 0.3216
CMYK	0.58, 0.06, 0.00, 0.32
HSL	187°, 41%, 48%
HSV	187°, 58%, 68%
XYZ	23.2108, 30.2742, 44.1552
YIQ	136.6430, -56.5750, -15.4470

Conversions

Conversions Part 2

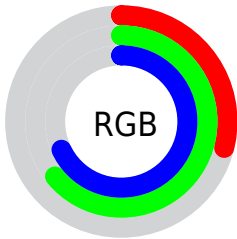
Format	Color
RYB	73, 120, 173
Decimal	4825773
CIELab	61.89, -23.21, -13.74
CIElCh	62, 26.971, 210.634
Yxy	30.2753, 0.2377, 0.3101
Android (android.graphics.Color)	4283015853 (0xFF49A2AD)
YUV	136.6430, 17.9240, -55.8149
Hunter-Lab	55.0220, -20.9891, -9.0649

Details

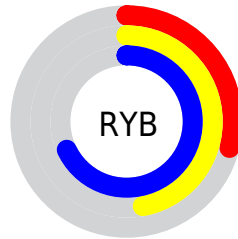
The HunterLab color **55.0220, -20.9891, -9.0649** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **39.6316, 27.9628, 15.4791**, and the grayscale version is **49.8224, -2.6584, 2.7069**.

A 20% lighter version of the original color is **77.4935, -24.6429, -8.8374**, and **35.4010, -16.4351, -8.7697** is the 20% darker color. If you saturate the color by 10%, you get **53.8754, -22.2350, -10.7005**, and if you desaturate by 10%, it is **56.3233, -19.1849, -7.2477**.

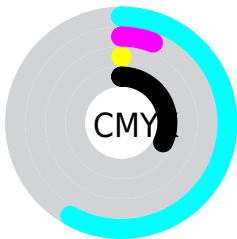
Distribution



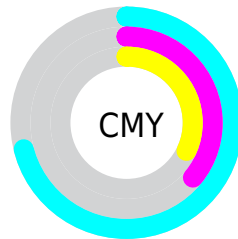
- Red (29%)
- Green (64%)
- Blue (68%)



- Red (29%)
- Yellow (47%)
- Blue (68%)



- Cyan (58%)
- Magenta (6%)
- Yellow (0%)
- Black (32%)



- Cyan (71%)
- Magenta (36%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.0220, -20.9891, -9.0649 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 55.0220, -20.9891, -9.0649 by changing the saturation by 10% instead.

■ 55.0220, -20.9891,
-9.0649

■ 55.0220, -20.9891,
-9.0649

174.1223,
-36.8184, -7.3045

■ 44.7746, -19.0685,
-8.9859

■ 77.5225, -24.6699,
-9.0279

■ 35.2558, -17.0675,
-8.8362

■ 89.6998, -26.4555,
-8.9234

■ 26.5274, -14.9532,
-8.6091

■ 102.4553,
-28.2161, -8.7667

■ 18.6689, -12.6709,
-8.3020

■ 115.7640,
-29.9579, -8.5611

■ 11.7899, -10.2659,
-7.9264

■ 129.6037,
-31.6856, -8.3097

■ 4.5755, -8.0072,
-12.4327

143.9547,

0.0000, NaN, NaN

-33.4030, -8.0150

0.0000, NaN, NaN

158.7996,
-35.1131, -7.6793

0.0000, NaN, NaN

■ 55.0220, -20.9891,
-9.0649

■ 55.0220, -20.9891,
-9.0649

■ 53.8754, -22.2350,
-10.7005

■ 56.3233, -19.1849,
-7.2477

■ 52.8752, -22.9289,
-12.1520

■ 57.7783, -16.8312,
-5.2619

■ 52.0129, -23.0988,
-13.4212

■ 59.3874, -13.9501,
-3.1207

■ 51.2662, -22.8272,
-14.5330

■ 61.1482, -10.5727,
-0.8401

■ 51.1071, -22.7484,
-14.7721

■ 63.0565, -6.7358,
1.5632

■ 65.1074, -2.4792,
4.0724

■ 67.2949, 2.1562,
6.6718

■ 69.6127, 7.1305,
9.3469

■ 72.0544, 12.4055,
12.0848

Harmonies

Analogous

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



55.0230, -23.6762, 2.7577



55.0220, -20.9891, -9.0649



55.0230, -13.5423, -19.1111

Triad

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



55.0230, -20.9893, -9.0641



55.0230, 18.0725, -8.5673



55.0230, -3.1876, 20.3851

Complementary

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



55.0220, -20.9891, -9.0649



39.6316, 27.9628, 15.4791

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.



55.0230, 8.5339, 18.5723



55.0220, -20.9891, -9.0649



55.0230, 21.4127, 3.2314

Square

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



55.0230, -20.9893, -9.0641



55.0230, 9.0005, -18.7847



55.0230, 17.7877, 12.8222



55.0230, -13.9397, 18.4107

Rectangle

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



55.0220, -20.9891, -9.0649



55.0230, -6.5524, -22.5814



55.0230, 17.7877, 12.8222



55.0230, 0.7704, 20.2031

Sweetspot

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



55.0230, -20.9893, -9.0641



81.9560, -13.9047, -0.9660



56.5055, -38.0638, 25.5642



37.9869, -6.9128, -0.7308



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



55.0230, -20.9893, -9.0641



71.7597, -30.0461, -14.8099



40.3049, 1.1964, -33.3017



29.8653, -3.4933, 0.5684



43.8631, -19.5723, -12.5741



7.5969, -3.6167, -1.6881

Inverse Universe

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



40.3222, 45.1468, -24.6269



49.7598, 71.9617, -38.6986



51.1285, 4.1747, 24.2677



28.5178, 2.0364, -0.5848



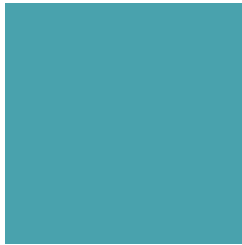
28.7146, 55.1593, -27.8367



4.8333, 9.3537, -5.2225

Previews

White Background



This preview shows how the HunterLab color 55.0220, -20.9891, -9.0649 looks on a white background.

Color Contrast Check

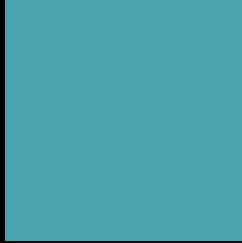
Large Text (above 18pt) WCAG AA × Fail

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 55.0220, -20.9891, -9.0649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

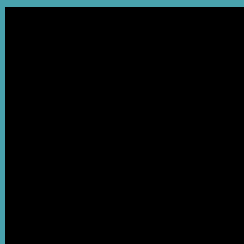
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

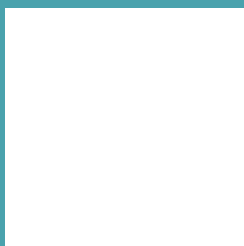
Any Text WCAG AAA ✓ Pass

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

HunterLab 55.0220, -20.9891, -9.0649 Background



This preview shows how black text looks on a background with the HunterLab color 55.0220, -20.9891, -9.0649.



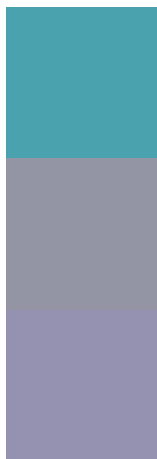
This preview shows how white text looks on a background with the HunterLab color 55.0220,

-20.9891, -9.0649.

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

55.0220, -20.9891, -9.0649

Protanopia

54.8299, -0.4895, -4.2016

Deuteranopia

54.6028, 4.0064, -11.4494



Tritanopia

55.1286, -20.4424, -10.0068

Trichromacy



Original Color

55.0220, -20.9891, -9.0649

Protanomaly

54.3742, -9.4342, -6.5244

Deuteranomaly

54.1597, -6.4906, -11.7057

Tritanomaly

55.0931, -20.6483, -9.5083

Monochromacy



Original Color

55.0220, -20.9891, -9.0649

Achromatopsia

50.0158, -2.6687, 2.7175

Achromatomaly

51.3198, -10.7735, -1.9010

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.0220, -20.9891, -9.0649 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(73, 162, 173)` looks like.

```
.text, #text, p{  
    color:rgb(73, 162, 173)  
}
```

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(73, 162, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 162, 173) }
```

Border

The CSS property to change the border of an element to HunterLab 55.0220, -20.9891, -9.0649 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(73, 162, 173) }
```


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

```
.border{ border-color:rgb(73, 162, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 162, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 162, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 162, 173);  
box-shadow:4px 4px 4px 4px rgb(73, 162,  
173) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.0220, -20.9891, -9.0649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 162, 173) }
```

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

```
.background{ background-color: rgb(73, 162,  
173) }
```

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