

Converting Colors

HunterLab(51.1391, -21.6056,
-10.1377)

Have a look what the booklet for
HunterLab(51.1391, -21.6056,
-10.1377) contains.

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Color

**HunterLab(51.1391,
-21.6056, -10.1377)**

Conversions

Conversions Part 1

Format	Color
Hex	3199A5
RGB	49, 153, 165
RGB Percent	19%, 60%, 65%
CMY	0.8078, 0.4000, 0.3529
CMYK	0.70, 0.07, 0.00, 0.35
HSL	186°, 54%, 42%
HSV	186°, 70%, 65%
XYZ	19.4494, 26.1521, 39.6201
YIQ	123.2720, -65.8360, -18.3160

Conversions

Conversions Part 2

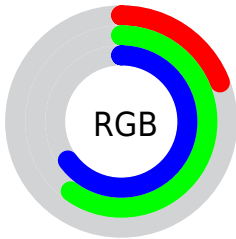
Format	Color
R_{YB}	49, 104, 165
Decimal	3250597
CIE _{Lab}	58.18, -25.11, -14.89
CIE _{LCh}	58, 29.187, 210.665
Yxy	26.1530, 0.2282, 0.3069
Android (android.graphics.Color)	4281440677 (0xFF3199A5)
YUV	123.2720, 20.5719, -65.1365
Hunter-Lab	51.1391, -21.6056, -10.1377

Details

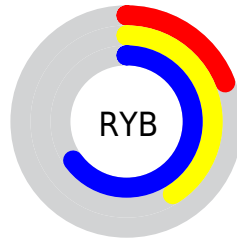
The HunterLab color **51.1391, -21.6056, -10.1377** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **33.9992, 33.6435, 16.4705**, and the grayscale version is **44.5532, -2.3772, 2.4207**.

A 20% lighter version of the original color is **73.2520, -25.7733, -10.1181**, and **32.7032, -15.0279, -8.4352** is the 20% darker color. If you saturate the color by 10%, you get **50.2597, -22.1889, -11.4125**, and if you desaturate by 10%, it is **52.1573, -20.5070, -8.6859**.

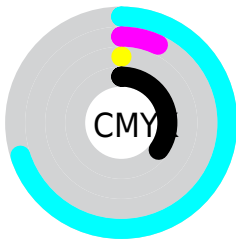
Distribution



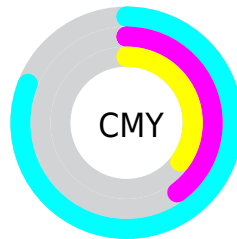
- Red (19%)
- Green (60%)
- Blue (65%)



- Red (19%)
- Yellow (41%)
- Blue (65%)



- Cyan (70%)
- Magenta (7%)
- Yellow (0%)
- Black (35%)



- Cyan (81%)
- Magenta (40%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.1391, -21.6056, -10.1377 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 51.1391, -21.6056, -10.1377 by changing the saturation by 10% instead.

51.1391, -21.6056,
-10.1377

51.1391, -21.6056,
-10.1377

168.3843,
-38.3315, -8.9006

41.1560, -19.5348,
-9.9887

73.1586, -25.5403,
-10.2331

31.9224, -17.3607,
-9.7668

85.1142, -27.4365,
-10.1907

23.5062, -15.0397,
-9.4680

97.6584, -29.2996,
-10.0938

15.9959, -12.4975,
-9.0967

110.7646,
-31.1372, -9.9458

9.5181, -12.0045,
-8.6926

124.4098,
-32.9550, -9.7499

0.0000, NaN, -NF

0.0000, NaN, NaN

138.5734,

-34.7577, -9.5088

0.0000, NaN, NaN

153.2370,
-36.5488, -9.2250

0.0000, NaN, NaN

■ 51.1391, -21.6056,
-10.1377

■ 51.1391, -21.6056,
-10.1377

■ 50.2597, -22.1889,
-11.4125

■ 52.1573, -20.5070,
-8.6859

■ 49.5061, -22.2888,
-12.5179

■ 53.3176, -18.8814,
-7.0619

■ 48.8625, -22.0511,
-13.4719

■ 54.6236, -16.7339,
-5.2731

■ 56.0755, -14.0820,
-3.3315

■ 57.6717, -10.9526,
-1.2514

■ 59.4089, -7.3788,
0.9517

■ 61.2827, -3.3977,
3.2623

■ 63.2877, 0.9523,
5.6650

■ 65.4183, 5.6332,
8.1460

Harmonies

Analogous

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



51.1400, -24.3865, 2.5208



51.1391, -21.6056, -10.1377



51.1400, -13.8587, -21.0991

Triad

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



51.1400, -21.6057, -10.1369



51.1400, 19.6729, -9.5733



51.1400, -3.0068, 20.6189

Complementary

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



51.1391, -21.6056, -10.1377



33.9992, 33.6435, 16.4705

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.



51.1400, 9.4369, 18.8271



51.1391, -21.6056, -10.1377



51.1400, 23.2605, 3.0452

Square

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



51.1400, -21.6057, -10.1369



51.1400, 9.9589, -20.7230



51.1400, 19.3520, 13.0212



51.1400, -14.2935, 18.6583

Rectangle

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



51.1391, -21.6056, -10.1377



51.1400, -6.5287, -24.9172



51.1400, 19.3520, 13.0212



51.1400, 1.1799, 20.4408

Sweetspot

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



51.1400, -21.6057, -10.1369



76.9377, -15.1418, -1.9854



52.8172, -39.8638, 26.9540



35.7079, -7.6085, -1.2722



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



51.1400, -21.6057, -10.1369



66.7113, -29.8409, -16.0754



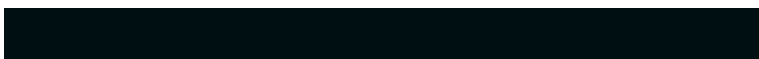
34.0990, 4.1251, -40.8124



28.0811, -3.2903, 0.5594



42.5490, -19.2424, -11.6437



6.4333, -3.1202, -1.3055

Inverse Universe

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



35.3507, 51.0708, -27.8703



44.1052, 77.7677, -41.3354



46.1744, 6.6447, 24.8366



26.8132, 1.8912, -0.5522



27.6979, 53.2828, -27.4445



4.0568, 7.8698, -4.5288

Previews

White Background



This preview shows how the HunterLab color 51.1391, -21.6056, -10.1377 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 51.1391, -21.6056, -10.1377 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

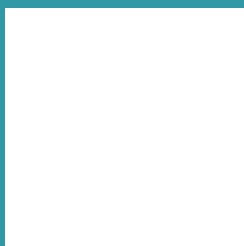
Any Text WCAG AAA × Fail

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

HunterLab 51.1391, -21.6056, -10.1377 Background



This preview shows how black text looks on a background with the HunterLab color 51.1391, -21.6056, -10.1377.



This preview shows how white text looks on a background with the HunterLab color 51.1391,

-21.6056, -10.1377.

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

51.1391, -21.6056, -10.1377

Protanopia

50.8546, -0.1172, -4.8198

Deuteranopia

50.8686, 3.7829, -12.3390



Tritanopia

51.1391, -21.6056, -10.1377

Trichromacy



Original Color

51.1391, -21.6056, -10.1377

Protanomaly

50.1512, -9.7952, -8.0466

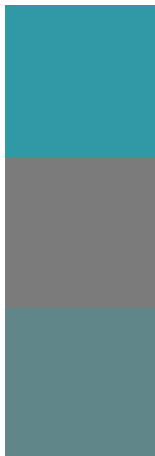
Deuteranomaly

50.2368, -7.3115, -12.8942

Tritanomaly

51.1391, -21.6056, -10.1377

Monochromacy



Original Color

51.1391, -21.6056, -10.1377

Achromatopsia

44.5050, -2.3747, 2.4180

Achromatomaly

46.2298, -11.6471, -2.5548

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.1391, -21.6056, -10.1377 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(49, 153, 165)` looks like.

```
.text, #text, p{  
    color:rgb(49, 153, 165)  
}
```

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(49, 153, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 153, 165) }
```

Border

The CSS property to change the border of an element to HunterLab 51.1391, -21.6056, -10.1377 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(49, 153, 165) }
```


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

```
.border{ border-color:rgb(49, 153, 165) }
```

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

Here you see how a box with a 4 pixel rgb(49, 153, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 153, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 153, 165);  
box-shadow:4px 4px 4px 4px rgb(49, 153,  
165) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.1391, -21.6056, -10.1377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 153, 165) }
```

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

```
.background{ background-color: rgb(49, 153,  
165) }
```

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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