

Converting Colors

HunterLab(59.0832, -21.6000,
-20.0501)

Have a look what the booklet for
HunterLab(59.0832, -21.6000,
-20.0501) contains.

HunterLab(59.0832, -21.6055, -20.0441)	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(59.0832,
-21.6055, -20.0441)**

Conversions

Conversions Part 1

Format	Color
Hex	35ADCA
RGB	53, 173, 202
RGB Percent	21%, 68%, 79%
CMY	0.7921, 0.3216, 0.2078
CMYK	0.74, 0.14, 0.00, 0.21
HSL	192°, 58%, 50%
HSV	192°, 74%, 79%
XYZ	27.0724, 34.9082, 61.1882
YIQ	140.4260, -80.8290, -16.4210

Conversions

Conversions Part 2

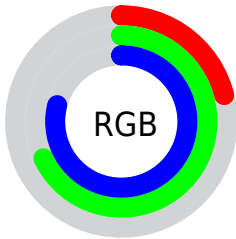
Format	Color
R_{YB}	53, 119, 202
Decimal	3517898
CIE _{Lab}	65.68, -23.08, -24.22
CIE _{LCh}	66, 33.455, 226.382
Yxy	34.9095, 0.2198, 0.2834
Android (android.graphics.Color)	4281707978 (0xFF35ADCA)
YUV	140.4260, 30.3560, -76.6726
Hunter-Lab	59.0832, -21.6055, -20.0441

Details

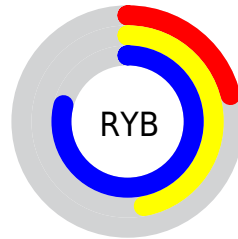
The HunterLab color **59.0832, -21.6055, -20.0441** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **43.4163, 39.2144, 22.8382**, and the grayscale version is **51.2880, -2.7366, 2.7866**.

A 20% lighter version of the original color is **82.0071, -26.3765, -18.3294**, and **39.4602, -14.4933, -18.0348** is the 20% darker color. If you saturate the color by 10%, you get **57.4341, -21.3107, -22.6658**, and if you desaturate by 10%, it is **60.9157, -21.2332, -17.2223**.

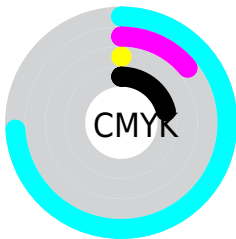
Distribution



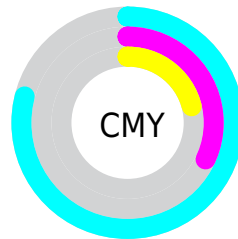
- Red (21%)
- Green (68%)
- Blue (79%)



- Red (21%)
- Yellow (47%)
- Blue (79%)



- Cyan (74%)
- Magenta (14%)
- Yellow (0%)
- Black (21%)



- Cyan (79%)
- Magenta (32%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.0832, -21.6055, -20.0441 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 59.0832, -21.6055, -20.0441 by changing the saturation by 10% instead.

■ 59.0832, -21.6055,
-20.0441

■ 59.0832, -21.6055,
-20.0441

180.0469,
-37.3151, -21.1303

■ 48.5728, -19.7167,
-19.6416

■ 82.0643, -25.2405,
-20.6645

■ 38.7713, -17.7576,
-19.1824

■ 94.4638, -27.0094,
-20.8867

■ 29.7354, -15.7005,
-18.6766

■ 107.4316,
-28.7562, -21.0529

■ 21.5365, -13.5008,
-18.1568

■ 120.9438,
-30.4864, -21.1656

■ 14.2709, -11.0811,
-17.7180

■ 134.9793,
-32.2042, -21.2275

■ 7.9285, -13.1077,
-18.2363

149.5194,

0.0000, NaN, -NF

-33.9132, -21.2407

0.0000, NaN, NaN

164.5470,
-35.6161, -21.2077

0.0000, NaN, NaN

■ 59.0832, -21.6055,
-20.0441

■ 59.0832, -21.6055,
-20.0441

■ 57.4341, -21.3107,
-22.6658

■ 60.9157, -21.2332,
-17.2223

■ 55.9530, -20.3924,
-25.0892

■ 62.9333, -20.1841,
-14.2170

■ 55.0880, -19.6029,
-26.5381

■ 65.1374, -18.4718,
-11.0476

■ 67.5246, -16.1259,
-7.7375

■ 70.0895, -13.1868,
-4.3101

■ 72.8249, -9.7008,
-0.7880

■ 75.7229, -5.7165,
2.8085

■ 78.7750, -1.2827,
6.4620

■ 81.9725, 3.5543,
10.1574

Harmonies

Analogous

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



59.0843, -28.1490, -4.9762



59.0832, -21.6055, -20.0441



59.0843, -9.7347, -29.7738

Triad

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



59.0843, -21.6054, -20.0431



59.0843, 27.2619, -3.5490



59.0843, -11.0016, 23.8042

Complementary

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



59.0832, -21.6055, -20.0441



43.4163, 39.2144, 22.8382

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.



59.0843, 3.7242, 24.0057



59.0832, -21.6055, -20.0441



59.0843, 26.8366, 10.3810

Square

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



59.0843, -21.6054, -20.0431



59.0843, 18.9886, -18.7782



59.0843, 17.8785, 19.7057



59.0843, -22.4536, 19.0638

Rectangle

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



59.0832, -21.6055, -20.0441



59.0843, 0.0545, -30.6802



59.0843, 17.8785, 19.7057



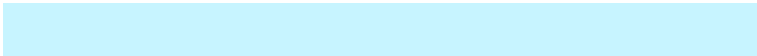
59.0843, -6.2989, 24.3558

Sweetspot

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



59.0843, -21.6054, -20.0431



91.7053, -16.5407, -4.9477



66.0172, -50.5041, 32.9226



41.9881, -8.1861, -2.8647

0.0000, NaN, NaN



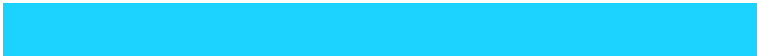
46.2646, -2.4686, 2.5136

Same Dimension

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



59.0843, -21.6054, -20.0431



73.4647, -27.0445, -31.5584



37.6462, 13.3259, -64.5725



35.1305, -3.8056, 0.3655



44.3322, -15.9178, -21.0494



10.5423, -4.2462, -4.0105

Inverse Universe

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



42.5688, 64.6102, -27.7046



51.7565, 93.5690, -36.9386



60.1638, 3.5741, 33.8148



33.7118, 2.3736, -0.3963



31.2842, 59.0315, -22.0814



7.1746, 13.6512, -5.9419

Previews

White Background



This preview shows how the HunterLab color 59.0832, -21.6055, -20.0441 looks on a white background.

Color Contrast Check

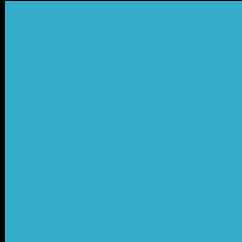
Large Text (above 18pt) WCAG AA × Fail

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 59.0832, -21.6055, -20.0441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

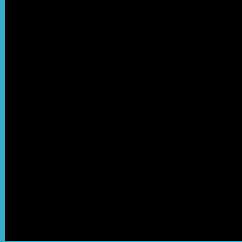
Any Text WCAG AA ✓ Pass

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 59.0832, -21.6055, -20.0441 Background



This preview shows how black text looks on a background with the HunterLab color 59.0832, -21.6055, -20.0441.



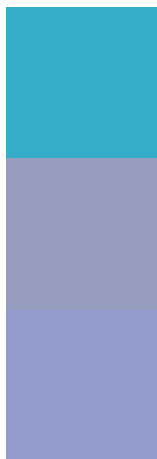
This preview shows how white text looks on a background with the HunterLab color 59.0832, -21.6055, -20.0441.

-21.6055, -20.0441.

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

59.0832, -21.6055, -20.0441

Protanopia

58.6982, 1.3508, -13.5939

Deuteranopia

58.7614, 4.2217, -22.6353



Tritanopia

59.0319, -26.1643, -12.4375

Trichromacy



Original Color

59.0832, -21.6055, -20.0441

Protanomaly

58.1200, -9.5186, -17.0225

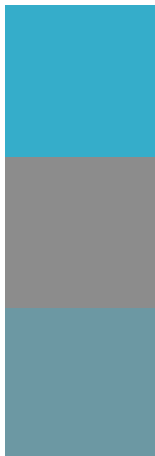
Deuteranomaly

58.1026, -7.2115, -23.2616

Tritanomaly

58.9673, -24.3492, -15.4091

Monochromacy



Original Color

59.0832, -21.6055, -20.0441

Achromatopsia

51.2104, -2.7325, 2.7824

Achromatomaly

53.1874, -12.4538, -6.0703

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.0832, -21.6055, -20.0441 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(53, 173, 202)` looks like.

```
.text, #text, p{  
    color:rgb(53, 173, 202)  
}
```

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(53, 173, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 173, 202) }
```

Border

The CSS property to change the border of an element to HunterLab 59.0832, -21.6055, -20.0441 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(53, 173, 202) }
```


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

```
.border{ border-color:rgb(53, 173, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 173, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 173, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 173, 202);  
box-shadow:4px 4px 4px 4px rgb(53, 173,  
202) }
```

Background

The CSS property to change the background color of an element to HunterLab 59.0832, -21.6055, -20.0441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 173, 202) }
```

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

```
.background{ background-color: rgb(53, 173,  
202) }
```

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