

Converting Colors

HunterLab(51.4711, -19.0972,
-17.5052)

Have a look what the booklet for
HunterLab(51.4711, -19.0972,
-17.5052) contains.

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Color

**HunterLab(51.5274,
-19.0736, -17.6557)**

Conversions

Conversions Part 1

Format	Color
Hex	2B99B3
RGB	43, 153, 179
RGB Percent	17%, 60%, 70%
CMY	0.8313, 0.4000, 0.2980
CMYK	0.76, 0.15, 0.00, 0.30
HSL	191°, 61%, 44%
HSV	191°, 76%, 70%
XYZ	20.5242, 26.5507, 46.6909
YIQ	123.0740, -73.9060, -15.2340

Conversions

Conversions Part 2

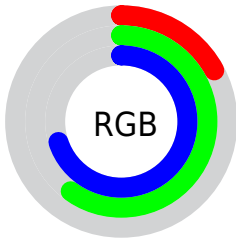
Format	Color
R_{YB}	43, 104, 179
Decimal	2857395
CIE _{Lab}	58.56, -21.39, -22.27
CIE _{LCh}	59, 30.881, 226.156
Yxy	26.5517, 0.2189, 0.2832
Android (android.graphics.Color)	4281047475 (0xFF2B99B3)
YUV	123.0740, 27.5715, -70.2249
Hunter-Lab	51.5274, -19.0736, -17.6557

Details

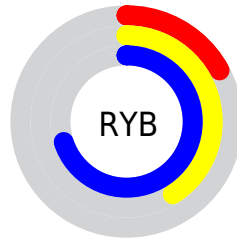
The HunterLab color **51.5274, -19.0736, -17.6557** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **37.4375, 35.3530, 20.0666**, and the grayscale version is **44.4521, -2.3719, 2.4152**.

A 20% lighter version of the original color is **73.7732, -22.6861, -18.1054**, and **33.1800, -12.2442, -15.0405** is the 20% darker color. If you saturate the color by 10%, you get **50.1415, -18.7567, -19.8612**, and if you desaturate by 10%, it is **53.0693, -18.8216, -15.2759**.

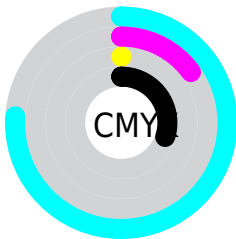
Distribution



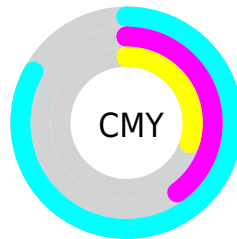
- Red (17%)
- Green (60%)
- Blue (70%)



- Red (17%)
- Yellow (41%)
- Blue (70%)



- Cyan (76%)
- Magenta (15%)
- Yellow (0%)
- Black (30%)



- Cyan (83%)
- Magenta (40%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.5274, -19.0736, -17.6557 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 51.5274, -19.0736, -17.6557 by changing the saturation by 10% instead.

■ 51.5274, -19.0736,
-17.6557

■ 51.5274, -19.0736,
-17.6557

168.9615,
-34.1858, -18.5602

■ 41.5172, -17.2454,
-17.2639

■ 73.5959, -22.5772,
-18.2476

■ 32.2544, -15.3391,
-16.8138

■ 85.5742, -24.2785,
-18.4520

■ 23.8061, -13.3199,
-16.3208

■ 98.1399, -25.9575,
-18.5986

■ 16.2599, -11.1285,
-15.8354

■ 111.2668,
-27.6202, -18.6902

■ 9.7404, -10.1150,
-15.5285

■ 124.9317,
-29.2711, -18.7297

0.0000, NaN, -NF

0.0000, NaN, -NF

139.1143,

-30.9138, -18.7195

0.0000, NaN, NaN

153.7964,
-32.5513, -18.6623

0.0000, NaN, NaN

■ 51.5274, -19.0736,
-17.6557

■ 51.5274, -19.0736,
-17.6557

■ 50.1415, -18.7567,
-19.8612

■ 53.0693, -18.8216,
-15.2759

■ 48.8955, -17.9198,
-21.8993

■ 54.7697, -17.9883,
-12.7343

■ 48.4130, -17.5137,
-22.7049

■ 56.6304, -16.5815,
-10.0461

■ 58.6493, -14.6240,
-7.2308

■ 60.8221, -12.1486,
-4.3084

■ 63.1431, -9.1938,
-1.2983

■ 65.6057, -5.8007,
1.7816

■ 68.2027, -2.0110,
4.9159

■ 70.9269, 2.1351,
8.0912

Harmonies

Analogous

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



51.5283, -24.7936, -4.3218



51.5274, -19.0736, -17.6557



51.5283, -8.6450, -26.3247

Triad

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



51.5283, -19.0735, -17.6548



51.5283, 24.0720, -3.2679



51.5283, -9.5789, 20.9274

Complementary

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



51.5274, -19.0736, -17.6557



37.4375, 35.3530, 20.0666

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.



51.5283, 3.4180, 21.0751



51.5274, -19.0736, -17.6557



51.5283, 23.7578, 9.0397

Square

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



51.5283, -19.0735, -17.6548



51.5283, 16.7131, -16.7189



51.5283, 15.8932, 17.2728



51.5283, -19.6980, 16.8015

Rectangle

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



51.5274, -19.0736, -17.6557



51.5283, -0.0218, -27.1776



51.5283, 15.8932, 17.2728



51.5283, -5.4269, 21.4008

Sweetspot

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



51.5283, -19.0735, -17.6548



82.1800, -15.2956, -4.7352



57.5943, -44.5118, 29.0899



38.1717, -7.8220, -2.9001



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.



51.5283, -19.0735, -17.6548



65.9892, -24.4348, -28.3925



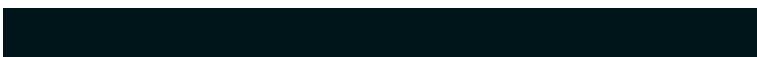
32.3046, 12.3545, -58.1521



30.5776, -3.2966, 0.3513



40.8074, -14.8719, -18.9017



7.7137, -3.2654, -2.5925

Inverse Universe

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



36.8948, 57.3769, -24.6928



46.3550, 84.6134, -33.5018



52.2962, 3.4456, 29.6928



29.3570, 2.0044, -0.3220



28.6726, 54.1559, -20.6432



5.1560, 9.8531, -4.6005

Previews

White Background



This preview shows how the HunterLab color 51.5274, -19.0736, -17.6557 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 51.5274, -19.0736, -17.6557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

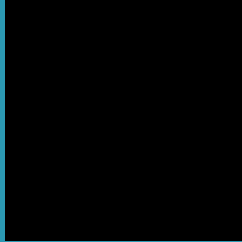
Any Text WCAG AA ✓ Pass

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 51.5274, -19.0736, -17.6557 Background



This preview shows how black text looks on a background with the HunterLab color 51.5274, -19.0736, -17.6557.



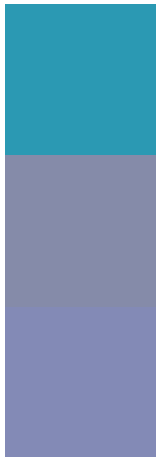
This preview shows how white text looks on a background with the HunterLab color 51.5274, -19.0736, -17.6557.

-19.0736, -17.6557.

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

51.5274, -19.0736, -17.6557

Protanopia

51.2995, 0.9275, -11.7561

Deuteranopia

51.3611, 3.5784, -19.3769



Tritanopia

51.5686, -23.0368, -11.2197

Trichromacy



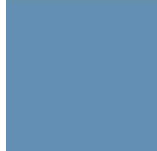
Original Color

51.5274, -19.0736, -17.6557



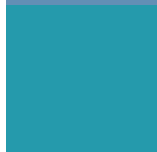
Protanomaly

50.6685, -8.4478, -15.1885



Deuteranomaly

50.6298, -6.4258, -20.1083



Tritanomaly

51.4617, -21.5013, -13.6328

Monochromacy



Original Color

51.5274, -19.0736, -17.6557



Achromatopsia

44.5050, -2.3747, 2.4180



Achromatomaly

46.2742, -11.1637, -4.9774

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.5274, -19.0736, -17.6557 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(43, 153, 179)` looks like.

```
.text, #text, p{  
    color:rgb(43, 153, 179)  
}
```

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(43, 153, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 153, 179) }
```

Border

The CSS property to change the border of an element to HunterLab 51.5274, -19.0736, -17.6557 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(43, 153, 179) }
```


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

```
.border{ border-color:rgb(43, 153, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 153, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 153, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 153, 179);  
box-shadow:4px 4px 4px 4px rgb(43, 153,  
179) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.5274, -19.0736, -17.6557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 153, 179) }
```

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

```
.background{ background-color: rgb(43, 153,  
179) }
```

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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