

Converting Colors

HunterLab(53.0586, -19.7795,
-18.8330)

Have a look what the booklet for
HunterLab(53.0586, -19.7795,
-18.8330) contains.

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Color

**HunterLab(52.9791,
-19.6377, -19.0648)**

Conversions

Conversions Part 1

Format	Color
Hex	289DB9
RGB	40, 157, 185
RGB Percent	16%, 62%, 73%
CMY	0.8431, 0.3843, 0.2745
CMYK	0.78, 0.15, 0.00, 0.27
HSL	192°, 64%, 44%
HSV	192°, 78%, 73%
XYZ	21.6890, 28.0679, 50.1735
YIQ	125.2090, -78.7200, -16.0960

Conversions

Conversions Part 2

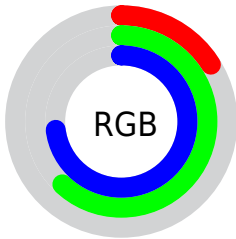
Format	Color
R_{YB}	40, 105, 185
Decimal	2661817
CIE _{Lab}	59.95, -21.83, -23.53
CIE _{LCh}	60, 32.095, 227.147
Yxy	28.0689, 0.2170, 0.2809
Android (android.graphics.Color)	4280851897 (0xFF289DB9)
YUV	125.2090, 29.4770, -74.7283
Hunter-Lab	52.9791, -19.6377, -19.0648

Details

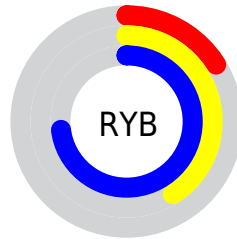
The HunterLab color **52.9791, -19.6377, -19.0648** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **38.2141, 38.0314, 21.0969**, and the grayscale version is **45.2797, -2.4160, 2.4601**.

A 20% lighter version of the original color is **75.2921, -23.3524, -19.5464**, and **34.3061, -12.0812, -16.7999** is the 20% darker color. If you saturate the color by 10%, you get **51.5667, -19.1455, -21.3340**, and if you desaturate by 10%, it is **54.5519, -19.5445, -16.6136**.

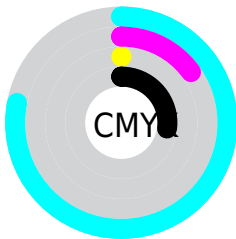
Distribution



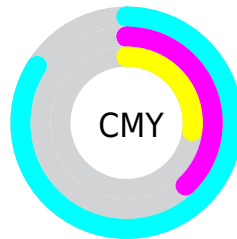
- Red (16%)
- Green (62%)
- Blue (73%)



- Red (16%)
- Yellow (41%)
- Blue (73%)



- Cyan (78%)
- Magenta (15%)
- Yellow (0%)
- Black (27%)



- Cyan (84%)
- Magenta (38%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.9791, -19.6377, -19.0648 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 52.9791, -19.6377, -19.0648 by changing the saturation by 10% instead.

■ 52.9791, -19.6377,
-19.0648

■ 52.9791, -19.6377,
-19.0648

171.1128,
-34.9140, -20.2408

■ 42.8691, -17.7907,
-18.6468

■ 75.2292, -23.1794,
-19.7145

■ 33.4984, -15.8667,
-18.1741

■ 87.2911, -24.8996,
-19.9492

■ 24.9318, -13.8322,
-17.6639

■ 99.9365, -26.5973,
-20.1264

■ 17.2535, -11.6311,
-17.1695

■ 113.1397,
-28.2784, -20.2488

■ 10.5814, -9.8434,
-16.8616

■ 126.8779,
-29.9473, -20.3190

0.0000, NaN, -NF

0.0000, NaN, -NF

141.1312,

-31.6077, -20.3395

0.0000, NaN, NaN

155.8816,
-33.2625, -20.3127

0.0000, NaN, NaN

■ 52.9791, -19.6377,
-19.0648

■ 52.9791, -19.6377,
-19.0648

■ 51.5667, -19.1455,
-21.3340

■ 54.5519, -19.5445,
-16.6136

■ 50.2885, -18.1564,
-23.4456

■ 56.2892, -18.8463,
-13.9912

■ 50.0850, -17.9801,
-23.7879

■ 58.1938, -17.5465,
-11.2126

■ 60.2639, -15.6661,
-8.2976

■ 62.4957, -13.2372,
-5.2673

■ 64.8833, -10.2990,
-2.1422

■ 67.4200, -6.8943,
1.0586

■ 70.0984, -3.0665,
4.3183

■ 72.9109, 1.1419,
7.6226

Harmonies

Analogous

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



52.9800, -25.7988, -5.0795



52.9791, -19.6377, -19.0648



52.9800, -8.5831, -27.9602

Triad

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



52.9800, -19.6376, -19.0639



52.9800, 25.4868, -3.0208



52.9800, -10.4010, 21.7259

Complementary

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



52.9791, -19.6377, -19.0648



38.2141, 38.0314, 21.0969

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.



52.9800, 3.1802, 22.0102



52.9791, -19.6377, -19.0648



52.9800, 24.8724, 9.7756

Square

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



52.9800, -19.6376, -19.0639



52.9800, 17.9776, -17.2296



52.9800, 16.3759, 18.2061



52.9800, -20.8511, 17.2951

Rectangle

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



52.9791, -19.6377, -19.0648



52.9800, 0.4999, -28.6297



52.9800, 16.3759, 18.2061



52.9800, -6.0791, 22.2605

Sweetspot

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



52.9800, -19.6376, -19.0639



84.8834, -16.2285, -5.3982



59.6239, -46.7847, 30.7039



38.8963, -8.1509, -3.1882



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



52.9800, -19.6376, -19.0639



67.7754, -24.7069, -30.5823



32.5542, 14.0612, -63.2896



31.4768, -3.3928, 0.3508



41.4515, -15.0032, -19.4232



8.2608, -3.4500, -2.8777

Inverse Universe

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



37.7719, 60.7994, -25.7326



47.7403, 88.3763, -34.0347



53.8129, 4.1325, 31.0187



30.2195, 2.0758, -0.3324



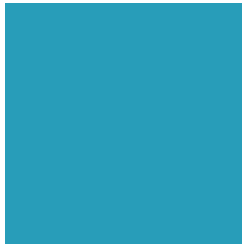
29.1837, 55.0964, -20.8192



5.5496, 10.5923, -4.8507

Previews

White Background



This preview shows how the HunterLab color 52.9791, -19.6377, -19.0648 looks on a white background.

Color Contrast Check

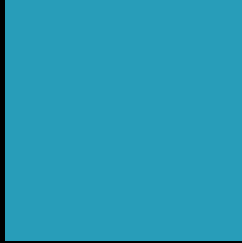
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.9791, -19.6377, -19.0648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

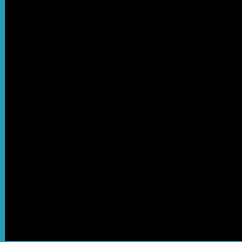
Any Text WCAG AA ✓ Pass

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 52.9791, -19.6377, -19.0648 Background



This preview shows how black text looks on a background with the HunterLab color 52.9791, -19.6377, -19.0648.



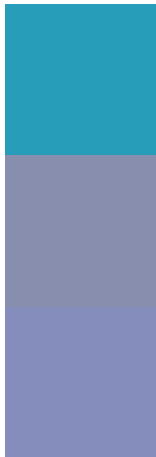
This preview shows how white text looks on a background with the HunterLab color 52.9791,

-19.6377, -19.0648.

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

52.9791, -19.6377, -19.0648

Protanopia

52.5702, 1.2630, -12.7475

Deuteranopia

52.6407, 4.1233, -21.7163



Tritanopia

52.9098, -24.2061, -11.5572

Trichromacy



Original Color

52.9791, -19.6377, -19.0648

Protanomaly

51.8155, -8.5628, -16.4167

Deuteranomaly

52.1066, -6.7217, -22.1458

Tritanomaly

52.8388, -22.4453, -14.5074

Monochromacy



Original Color

52.9791, -19.6377, -19.0648

Achromatopsia

45.2856, -2.4163, 2.4605

Achromatomaly

47.3050, -11.7375, -5.6538

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.9791, -19.6377, -19.0648 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(40, 157, 185)` looks like.

```
.text, #text, p{  
    color:rgb(40, 157, 185)  
}
```

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(40, 157, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 157, 185) }
```

Border

The CSS property to change the border of an element to HunterLab 52.9791, -19.6377, -19.0648 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(40, 157, 185) }
```


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

```
.border{ border-color:rgb(40, 157, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 157, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 157, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 157, 185);  
box-shadow:4px 4px 4px 4px rgb(40, 157,  
185) }
```

Background

The CSS property to change the background color of an element to HunterLab 52.9791, -19.6377, -19.0648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 157, 185) }
```

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

```
.background{ background-color: rgb(40, 157,  
185) }
```

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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