

Converting Colors

HunterLab(51.0007, -27.1676,
-4.2602)

Have a look what the booklet for
HunterLab(51.0007, -27.1676,
-4.2602) contains.

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Color

**HunterLab(51.1420,
-27.4068, -3.9048)**

Conversions

Conversions Part 1

Format	Color
Hex	0C9C99
RGB	12, 156, 153
RGB Percent	5%, 61%, 60%
CMY	0.9529, 0.3882, 0.4000
CMYK	0.92, 0.00, 0.02, 0.39
HSL	179°, 86%, 33%
HSV	179°, 92%, 61%
XYZ	17.7899, 26.1550, 34.2478
YIQ	112.6020, -84.8610, -31.4610

Conversions

Conversions Part 2

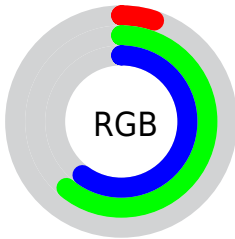
Format	Color
R_{YB}	12, 85, 156
Decimal	826521
CIE _{Lab}	58.18, -33.75, -8.11
CIE _{LCh}	58, 34.709, 193.514
Yxy	26.1560, 0.2275, 0.3345
Android (android.graphics.Color)	4279016601 (0xFF0C9C99)
YUV	112.6020, 19.9162, -88.2280
Hunter-Lab	51.1420, -27.4068, -3.9048

Details

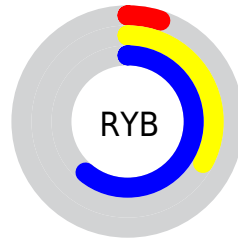
The HunterLab color **51.1420, -27.4068, -3.9048** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **27.1407, 44.1117, 16.5071**, and the grayscale version is **40.4362, -2.1576, 2.1970**.

A 20% lighter version of the original color is **73.1254, -32.3480, -3.3695**, and **32.9544, -17.8661, -2.6224** is the 20% darker color. If you saturate the color by 10%, you get **51.0582, -27.7590, -3.8946**, and if you desaturate by 10%, it is **51.3128, -26.7144, -3.8346**.

Distribution



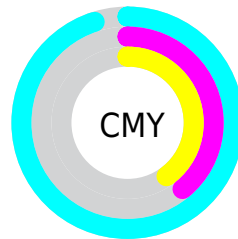
- Red (5%)
- Green (61%)
- Blue (60%)



- Red (5%)
- Yellow (33%)
- Blue (61%)



- Cyan (92%)
- Magenta (0%)
- Yellow (2%)
- Black (39%)



- Cyan (95%)
- Magenta (39%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.1420, -27.4068, -3.9048 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 51.1420, -27.4068, -3.9048 by changing the saturation by 10% instead.

■ 51.1420, -27.4068,
-3.9048

■ 51.1420, -27.4068,
-3.9048

168.3886,
-47.9464, -0.4489

■ 41.1587, -24.7620,
-4.0409

■ 73.1618, -32.3610,
-3.4545

■ 31.9249, -21.9551,
-4.1100

■ 85.1177, -34.7180,
-3.1517

■ 23.5084, -18.9227,
-4.1024

■ 97.6620, -37.0164,
-2.8022

■ 15.9979, -15.5585,
-4.0068

■ 110.7684,
-39.2674, -2.4092

■ 9.5198, -15.9586,
-3.8111

■ 124.4137,
-41.4796, -1.9752

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 138.5774,

-43.6599, -1.5025

0.0000, NaN, NaN

153.2412,
-45.8140, -0.9932

0.0000, NaN, NaN

■ 51.1420, -27.4068,
-3.9048

■ 51.1420, -27.4068,
-3.9048

■ 51.0582, -27.7590,
-3.8946

■ 51.3128, -26.7144,
-3.8346

■ 51.5923, -25.5940,
-3.6157

■ 51.9947, -24.0023,
-3.2311

■ 52.5296, -21.9144,
-2.6705

■ 53.2040, -19.3211,
-1.9291

■ 54.0221, -16.2274,
-1.0072

■ 54.9862, -12.6500,
0.0913

■ 56.0965, -8.6149,
1.3586

■ 57.3516, -4.1553,
2.7846

Harmonies

Analogous

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



51.1430, -27.1030, 9.8389



51.1420, -27.4068, -3.9048



51.1430, -21.6516, -19.3961

Triad

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



51.1430, -27.4069, -3.9041



51.1430, 18.2134, -20.7959



51.1430, 5.5360, 22.4325

Complementary

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



51.1420, -27.4068, -3.9048



27.1407, 44.1117, 16.5071

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.



51.1430, 19.4143, 18.0481



51.1420, -27.4068, -3.9048



51.1430, 27.2798, -5.4459

Square

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



51.1430, -27.4069, -3.9041



51.1430, 4.0403, -30.8522



51.1430, 27.7427, 8.6752



51.1430, -9.1685, 22.6289

Rectangle

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



51.1420, -27.4068, -3.9048



51.1430, -14.7324, -27.5897



51.1430, 27.7427, 8.6752



51.1430, 10.4892, 21.4711

Sweetspot

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



51.1430, -27.4069, -3.9041



73.2669, -20.1411, -0.8311



48.9100, -41.1286, 28.9956



34.1356, -10.3184, -0.6548



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



51.1430, -27.4069, -3.9041



68.8070, -37.4268, -5.2090



30.9712, 1.7609, -41.0983



27.3991, -3.5442, 0.8616



46.3391, -25.1887, -3.5448



6.2018, -3.3358, -0.5507

Inverse Universe

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



27.1407, 44.1117, 16.5071



35.8423, 61.4070, 22.9589



35.6616, 20.6247, 21.7561



25.7842, 0.8340, 2.0749



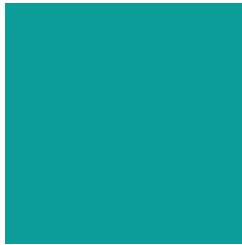
24.1419, 41.3708, 15.3905



3.2372, 5.5654, 1.9244

Previews

White Background



This preview shows how the HunterLab color 51.1420, -27.4068, -3.9048 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 51.1420, -27.4068, -3.9048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

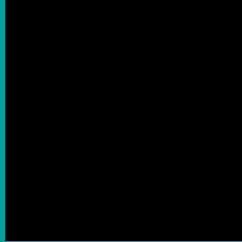
Any Text WCAG AA ✓ Pass

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 51.1420, -27.4068, -3.9048 Background



This preview shows how black text looks on a background with the HunterLab color 51.1420, -27.4068, -3.9048.



This preview shows how white text looks on a background with the HunterLab color 51.1420,

-27.4068, -3.9048.

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

51.1420, -27.4068, -3.9048

Protanopia

50.7005, -1.4618, 1.2891

Deuteranopia

50.7207, 3.9264, -6.4904



Tritanopia

51.1739, -23.0511, -10.6684

Trichromacy



Original Color

51.1420, -27.4068, -3.9048

Protanomaly

49.6521, -15.6095, -2.1507

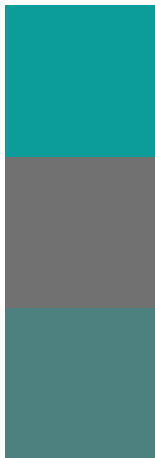
Deuteranomaly

49.5298, -12.2673, -7.3451

Tritanomaly

51.2080, -24.9343, -7.9223

Monochromacy



Original Color

51.1420, -27.4068, -3.9048

Achromatopsia

40.6365, -2.1683, 2.2079

Achromatomaly

43.3538, -15.2338, -1.4812

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.1420, -27.4068, -3.9048 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(12, 156, 153)` looks like.

```
.text, #text, p{  
    color:rgb(12, 156, 153)  
}
```

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(12, 156, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 156, 153) }
```

Border

The CSS property to change the border of an element to HunterLab 51.1420, -27.4068, -3.9048 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(12, 156, 153) }
```


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

```
.border{ border-color:rgb(12, 156, 153) }
```

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

Here you see how a box with a 4 pixel rgb(12, 156, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 156, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 156, 153);  
box-shadow:4px 4px 4px 4px rgb(12, 156,  
153) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.1420, -27.4068, -3.9048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 156, 153) }
```

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

```
.background{ background-color: rgb(12, 156,  
153) }
```

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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