

Converting Colors

HunterLab(51.7988, -29.3832,
9.8729)

Have a look what the booklet for
HunterLab(51.7988, -29.3832,
9.8729) contains.

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Color

**HunterLab(51.8728,
-29.5649, 10.0279)**

Conversions

Conversions Part 1

Format	Color
Hex	3E9E7B
RGB	62, 158, 123
RGB Percent	24%, 62%, 48%
CMY	0.7569, 0.3804, 0.5176
CMYK	0.61, 0.00, 0.22, 0.38
HSL	158°, 44%, 43%
HSV	158°, 61%, 62%
XYZ	17.7886, 26.9079, 22.9950
YIQ	125.3060, -45.9810, -31.2370

Conversions

Conversions Part 2

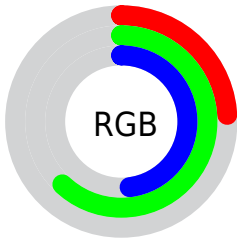
Format	Color
RYB	62, 121, 158
Decimal	4103803
CIELab	58.89, -36.79, 10.02
CIElCh	59, 38.133, 164.771
Yxy	26.9089, 0.2628, 0.3975
Android (android.graphics.Color)	4282293883 (0xFF3E9E7B)
YUV	125.3060, -1.1369, -55.5194
Hunter-Lab	51.8728, -29.5649, 10.0279

Details

The HunterLab color **51.8728, -29.5649, 10.0279** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **34.0266, 34.7838, 1.8682**, and the grayscale version is **45.4235, -2.4237, 2.4679**.

A 20% lighter version of the original color is **73.8956, -34.7722, 12.3842**, and **32.8671, -22.8133, 8.1663** is the 20% darker color. If you saturate the color by 10%, you get **51.3130, -32.0930, 11.5253**, and if you desaturate by 10%, it is **52.5782, -26.4904, 8.6080**.

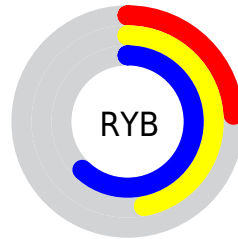
Distribution



Red (24%)

Green (62%)

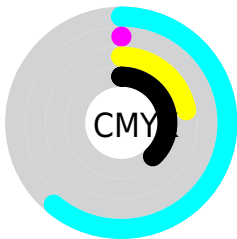
Blue (48%)



Red (24%)

Yellow (47%)

Blue (62%)

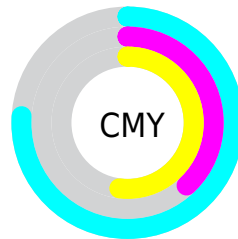


Cyan (61%)

Magenta (0%)

Yellow (22%)

Black (38%)



Cyan (76%)

Magenta (38%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.8728, -29.5649, 10.0279 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 51.8728, -29.5649, 10.0279 by changing the saturation by 10% instead.

■ 51.8728, -29.5649,
10.0279

■ 51.8728, -29.5649,
10.0279

169.4745,
-51.4355, 20.3870

■ 41.8388, -26.7246,
8.9020

■ 73.9849, -34.8713,
12.2740

■ 32.5501, -23.7041,
7.7629

■ 85.9832, -37.3886,
13.4025

■ 24.0734, -20.4358,
6.5972

■ 98.5680, -39.8389,
14.5387

■ 16.4954, -16.8066,
5.3809

■ 111.7131,
-42.2345, 15.6846

■ 9.9391, -16.7251,
4.7426

■ 125.3956,
-44.5850, 16.8415

0.0000, NaN, NaN

0.0000, NaN, NaN

139.5952,

-46.8981, 18.0103

0.0000, NaN, NaN

154.2936,
-49.1799, 19.1920

0.0000, NaN, NaN

■ 51.8728, -29.5649,
10.0279

■ 51.8728, -29.5649,
10.0279

■ 51.3130, -32.0930,
11.5253

■ 52.5782, -26.4904,
8.6080

■ 50.8872, -34.0849,
13.0757

■ 53.4315, -22.8739,
7.2839

■ 50.5842, -35.5739,
14.6542

■ 54.4365, -18.7364,
6.0729

■ 50.3810, -36.6275,
16.0964

■ 55.5938, -14.1093,
4.9882

■ 56.9020, -9.0326,
4.0393

■ 58.3582, -3.5510,
3.2323

■ 59.9583, 2.2886,
2.5700

■ 61.6971, 8.4391,
2.0523

■ 63.5690, 14.8557,
1.6765

Harmonies

Analogous

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



51.8738, -22.9601, 19.7797



51.8728, -29.5649, 10.0279



51.8738, -29.6161, -5.3248

Triad

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



51.8738, -29.5654, 10.0284



51.8738, 5.4233, -34.8390



51.8738, 21.2810, 19.6747

Complementary

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



51.8728, -29.5649, 10.0279



34.0266, 34.7838, 1.8682

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.



51.8738, 30.9649, 9.8329



51.8728, -29.5649, 10.0279



51.8738, 21.0739, -22.9651

Square

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



51.8738, -29.5654, 10.0284



51.8738, -10.7120, -34.7375



51.8738, 30.8848, -5.5904



51.8738, 5.6793, 24.0689

Rectangle

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



51.8728, -29.5649, 10.0279



51.8738, -25.9856, -17.1071



51.8738, 30.8848, -5.5904



51.8738, 25.4167, 17.0545

Sweetspot

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



51.8738, -29.5654, 10.0284



75.3220, -17.4199, 6.3970



52.3020, -29.9320, 26.5375



35.5429, -9.1399, 3.2152



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



51.8738, -29.5654, 10.0284



68.9167, -44.3141, 16.2907



48.7911, -18.3800, -9.5667



27.3284, -3.9376, 1.8700



45.0951, -32.7255, 14.2800



6.0950, -3.9786, 0.9704

Inverse Universe

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



34.0266, 34.7838, 1.8682



41.4110, 56.2611, 5.0763



35.5284, 25.6143, 14.7347



25.8537, 1.2080, 1.0838



24.6380, 43.2020, 8.1017



3.4106, 6.1991, -0.5746

Previews

White Background



This preview shows how the HunterLab color 51.8728, -29.5649, 10.0279 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 51.8728, -29.5649, 10.0279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

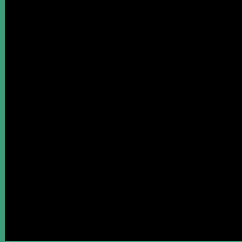
Any Text WCAG AA ✓ Pass

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 51.8728, -29.5649, 10.0279 Background



This preview shows how black text looks on a background with the HunterLab color 51.8728, -29.5649, 10.0279.



This preview shows how white text looks on a background with the HunterLab color 51.8728,

-29.5649, 10.0279.

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

51.8728, -29.5649, 10.0279

Protanopia

51.3426, -3.5948, 13.1903

Deuteranopia

51.5148, 3.3996, 8.2983



Tritanopia

51.7212, -17.7599, -9.2471

Trichromacy



Original Color

51.8728, -29.5649, 10.0279

Protanomaly

50.9251, -15.5785, 11.5131

Deuteranomaly

50.7326, -11.1956, 7.9971

Tritanomaly

51.6633, -22.2315, -1.6683

Monochromacy



Original Color

51.8728, -29.5649, 10.0279

Achromatopsia

45.2856, -2.4163, 2.4605

Achromatomaly

47.0864, -13.9254, 4.7598

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.8728, -29.5649, 10.0279 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(62, 158, 123)` looks like.

```
.text, #text, p{  
    color:rgb(62, 158, 123)  
}
```

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(62, 158, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 158, 123) }
```

Border

The CSS property to change the border of an element to HunterLab 51.8728, -29.5649, 10.0279 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(62, 158, 123) }
```


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

```
.border{ border-color:rgb(62, 158, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 158, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 158, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 158, 123);  
box-shadow:4px 4px 4px 4px rgb(62, 158,  
123) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.8728, -29.5649, 10.0279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 158, 123) }
```

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

```
.background{ background-color: rgb(62, 158,  
123) }
```

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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