

Converting Colors

HunterLab(51.8014, -10.0611,
7.7768)

Have a look what the booklet for
HunterLab(51.8014, -10.0611,
7.7768) contains.

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Color

**HunterLab(51.7783,
-10.3063, 7.9432)**

Conversions

Conversions Part 1

Format	Color
Hex	819281
RGB	129, 146, 129
RGB Percent	51%, 57%, 51%
CMY	0.4941, 0.4274, 0.4941
CMYK	0.12, 0.00, 0.12, 0.43
HSL	120°, 7%, 54%
HSV	120°, 12%, 57%
XYZ	23.2946, 26.8099, 24.7160
YIQ	138.9790, -4.6750, -8.8910

Conversions

Conversions Part 2

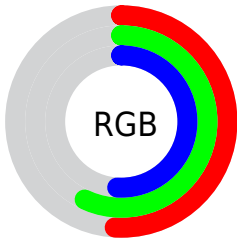
Format	Color
R_{YB}	129, 146, 146
Decimal	8491649
CIE _{Lab}	58.80, -9.50, 6.96
CIE _{LCh}	59, 11.780, 143.782
Yxy	26.8111, 0.3113, 0.3583
Android (android.graphics.Color)	4286681729 (0xFF819281)
YUV	138.9790, -4.9196, -8.7516
Hunter-Lab	51.7783, -10.3063, 7.9432

Details

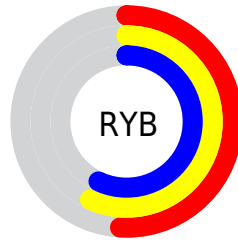
The HunterLab color $51.7783, -10.3063, 7.9432$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $48.8749, 5.3851, -2.7801$, and the grayscale version is $50.8247, -2.7119, 2.7614$.

A 20% lighter version of the original color is $73.9128, -12.4872, 9.8257$, and $32.6350, -8.2179, 6.1775$ is the 20% darker color. If you saturate the color by 10%, you get $50.3858, -16.1482, 11.8907$, and if you desaturate by 10%, it is $53.3421, -3.9510, 3.6495$.

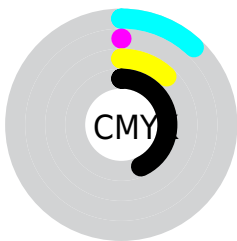
Distribution



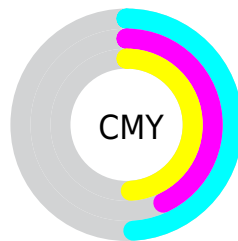
- Red (51%)
- Green (57%)
- Blue (51%)



- Red (51%)
- Yellow (57%)
- Blue (57%)



- Cyan (12%)
- Magenta (0%)
- Yellow (12%)
- Black (43%)



- Cyan (49%)
- Magenta (43%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.7783, -10.3063, 7.9432 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 51.7783, -10.3063, 7.9432 by changing the saturation by 10% instead.

■ 51.7783, -10.3063,
7.9432

■ 51.7783, -10.3063,
7.9432

169.3343,
-20.4218, 17.0557

■ 41.7509, -9.2174,
7.0028

■ 73.8786, -12.4898,
9.8587

■ 32.4693, -8.1196,
6.0670

■ 85.8715, -13.5898,
10.8369

■ 24.0003, -7.0030,
5.1289

■ 98.4511, -14.6989,
11.8310

■ 16.4310, -5.8477,
4.1743

111.5912,
-15.8185, 12.8415

■ 9.8847, -4.7685,
3.4763

125.2689,
-16.9499, 13.8689

0.0000, NaN, NaN

139.4638,

0.0000, NaN, NaN

-18.0939, 14.9137

0.0000, NaN, NaN

154.1578,
-19.2511, 15.9759

0.0000, NaN, NaN

■ 51.7783, -10.3063,
7.9432

■ 51.7783, -10.3063,
7.9432

■ 50.3858, -16.1482,
11.8907

■ 53.3421, -3.9510,
3.6495

■ 49.1661, -21.4041,
15.4429

■ 55.0672, 2.8500,
-0.9444

■ 48.1234, -26.0124,
18.5579

■ 56.9474, 10.0267,
-5.7908

■ 47.2580, -29.9226,
21.2015

■ 58.9742, 17.5149,
-10.8465

■ 46.5673, -33.1025,
23.3515

■ 61.1393, 25.2573,
-16.0726

■ 46.0450, -35.5433,
25.0019

■ 63.4342, 33.2037,
-21.4351

■ 45.6808, -37.2645,
26.1658

■ 65.8503, 41.3117,
-26.9052

■ 45.4593, -38.3190,
26.8790

■ 68.3798, 49.5456,
-32.4589

■ 45.3419, -38.8806,
27.2587

■ 70.0277, 54.7832,
-35.9912

Harmonies

Analogous

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



51.7794, -6.5917, 10.5195



51.7783, -10.3063, 7.9432



51.7794, -11.9946, 3.8009

Triad

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



51.7794, -10.3074, 7.9439



51.7794, -3.8044, -7.1395



51.7794, 6.3438, 6.3779

Complementary

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



51.7783, -10.3063, 7.9432



48.8749, 5.3851, -2.7801

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.



51.7794, 7.1588, 1.8165



51.7783, -10.3063, 7.9432



51.7794, 1.1749, -6.2838

Square

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



51.7794, -10.3074, 7.9439



51.7794, -8.3331, -5.1295



51.7794, 5.2342, -2.8911



51.7794, 3.0476, 9.6773

Rectangle

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



51.7783, -10.3063, 7.9432



51.7794, -11.7896, 0.5885



51.7794, 5.2342, -2.8911



51.7794, 6.9221, 4.9535

Sweetspot

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



51.7794, -10.3074, 7.9439



70.5399, -6.4806, 5.6801



53.1556, -5.3881, 9.4938



33.1941, -3.3650, 2.8874



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



51.7794, -10.3074, 7.9439



68.2612, -15.8068, 11.9811



52.0064, -9.0337, 4.6906



25.4331, -4.2953, 3.3799



42.5335, -36.4725, 25.5704



4.7056, -4.0350, 2.8289

Inverse Universe

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



48.8749, 5.3851, -2.7801



63.5466, 9.6764, -5.4335



48.6135, 3.9922, 0.9297



24.3088, 1.7770, -0.7698



26.8403, 52.7688, -35.4004



2.9694, 5.8379, -3.9164

Previews

White Background



This preview shows how the HunterLab color 51.7783, -10.3063, 7.9432 looks on a white background.

Color Contrast Check

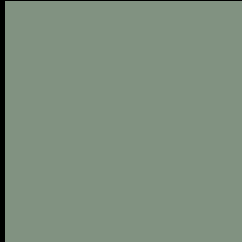
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.7783, -10.3063, 7.9432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

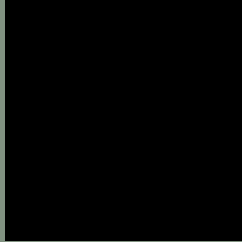
Any Text WCAG AA ✓ Pass

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 51.7783, -10.3063, 7.9432 Background



This preview shows how black text looks on a background with the HunterLab color 51.7783, -10.3063, 7.9432.



This preview shows how white text looks on a background with the HunterLab color 51.7783,

-10.3063, 7.9432.

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

51.7783, -10.3063, 7.9432

Protanopia

51.7293, -3.1438, 9.1966

Deuteranopia

51.5926, 3.8160, 7.1815



Tritanopia

51.6388, -3.3329, -3.3404

Trichromacy



Original Color

51.7783, -10.3063, 7.9432

Protanomaly

51.7230, -6.0728, 8.7490

Deuteranomaly

51.6370, -1.8005, 7.5378

Tritanomaly

51.5701, -5.6222, 0.8807

Monochromacy



Original Color

51.7783, -10.3063, 7.9432

Achromatopsia

50.8117, -2.7112, 2.7607

Achromatomaly

51.2310, -5.9012, 4.9376

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.7783, -10.3063, 7.9432 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(129, 146, 129)` looks like.

```
.text, #text, p{  
    color:rgb(129, 146, 129)  
}
```

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(129, 146, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 146, 129) }
```

Border

The CSS property to change the border of an element to HunterLab 51.7783, -10.3063, 7.9432 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(129, 146, 129) }
```


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

```
.border{ border-color:rgb(129, 146, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 146, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 146, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 146, 129);  
box-shadow:4px 4px 4px 4px rgb(129, 146,  
129) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.7783, -10.3063, 7.9432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 146, 129) }
```

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

```
.background{ background-color: rgb(129,  
146, 129) }
```

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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