

Converting Colors

HunterLab(51.2505, -9.9206,
7.6295)

Have a look what the booklet for
HunterLab(51.2505, -9.9206, 7.6295)
contains.

HunterLab(51.0825, -9.8224, 7.6015)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(51.0825, -9.8224,
7.6015)**

Conversions

Conversions Part 1

Format	Color
Hex	809080
RGB	128, 144, 128
RGB Percent	50%, 56%, 50%
CMY	0.4980, 0.4353, 0.4980
CMYK	0.11, 0.00, 0.11, 0.44
HSL	120°, 7%, 53%
HSV	120°, 11%, 56%
XYZ	22.7716, 26.0942, 24.2586
YIQ	137.3920, -4.4000, -8.3680

Conversions

Conversions Part 2

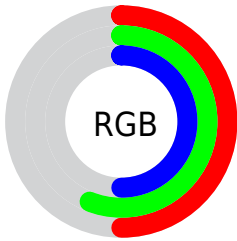
Format	Color
R_YB	128, 144, 144
Decimal	8425600
CIE _{Lab}	58.13, -8.97, 6.56
CIE _{LCh}	58, 11.111, 143.818
Yxy	26.0953, 0.3114, 0.3569
Android (android.graphics.Color)	4286615680 (0xFF809080)
YUV	137.3920, -4.6303, -8.2368
Hunter-Lab	51.0825, -9.8224, 7.6015

Details

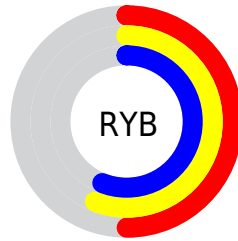
The HunterLab color $51.0825, -9.8224, 7.6015$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $48.3548, 4.9183, -2.4719$, and the grayscale version is $50.1917, -2.6781, 2.7270$.

A 20% lighter version of the original color is $73.1766, -11.9710, 9.4613$, and $31.9878, -7.7740, 5.8639$ is the 20% darker color. If you saturate the color by 10%, you get $49.7032, -15.5996, 11.5053$, and if you desaturate by 10%, it is $52.6298, -3.5445, 3.3602$.

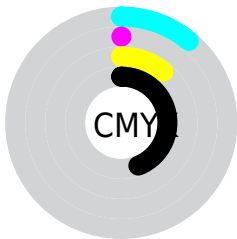
Distribution



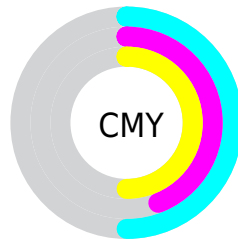
- Red (50%)
- Green (56%)
- Blue (50%)



- Red (50%)
- Yellow (56%)
- Blue (56%)



- Cyan (11%)
- Magenta (0%)
- Yellow (11%)
- Black (44%)



- Cyan (50%)
- Magenta (44%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.0825, -9.8224, 7.6015 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 51.0825, -9.8224, 7.6015 by changing the saturation by 10% instead.

■ 51.0825, -9.8224,
7.6015

■ 51.0825, -9.8224,
7.6015

168.3003,
-19.7114, 16.5429

■ 41.1035, -8.7654,
6.6856

■ 73.0949, -11.9474,
9.4725

■ 31.8742, -7.7020,
5.7762

■ 85.0473, -13.0204,
10.4303

■ 23.4626, -6.6226,
4.8668

■ 97.5884, -14.1037,
11.4048

■ 15.9576, -5.5084,
3.9441

110.6916,
-15.1986, 12.3966

■ 9.4859, -4.6277,
3.3832

124.3339,
-16.3062, 13.4062

0.0000, NaN, NaN

138.4946,

0.0000, NaN, NaN

-17.4272, 14.4337

0.0000, NaN, NaN

153.1556,
-18.5622, 15.4793

0.0000, NaN, NaN

■ 51.0825, -9.8224,
7.6015

■ 51.0825, -9.8224,
7.6015

■ 49.7032, -15.5996,
11.5053

■ 52.6298, -3.5445,
3.3602

■ 48.4935, -20.8047,
15.0230

■ 54.3353, 3.1676,
-1.1735

■ 47.4575, -25.3766,
18.1134

■ 56.1926, 10.2454,
-5.9530

■ 46.5959, -29.2651,
20.7422

■ 58.1937, 17.6263,
-10.9362

■ 45.9062, -32.4373,
22.8870

■ 60.3303, 25.2544,
-16.0849

■ 45.3825, -34.8829,
24.5407

■ 62.5939, 33.0808,
-21.3661

■ 45.0148, -36.6194,
25.7150

■ 64.9763, 41.0640,
-26.7519

■ 44.7885, -37.6964,
26.4434

■ 67.4698, 49.1696,
-32.2189

■ 44.6627, -38.2982,
26.8503

■ 69.5899, 55.8812,
-36.7457

Harmonies

Analogous

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



51.0836, -6.3287, 10.0400



51.0825, -9.8224, 7.6015



51.0836, -11.4104, 3.6982

Triad

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



51.0836, -9.8235, 7.6022



51.0836, -3.6985, -6.5309



51.0836, 5.8092, 6.1335

Complementary

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



51.0825, -9.8224, 7.6015



48.3548, 4.9183, -2.4719

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.



51.0836, 6.5751, 1.8457



51.0825, -9.8224, 7.6015



51.0836, 0.9744, -5.7305

Square

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



51.0836, -9.8235, 7.6022



51.0836, -7.9574, -4.6603



51.0836, 4.7763, -2.5622



51.0836, 2.7197, 9.2472

Rectangle

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



51.0825, -9.8224, 7.6015



51.0836, -11.2154, 0.6834



51.0836, 4.7763, -2.5622



51.0836, 6.3515, 4.7925

Sweetspot

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



51.0836, -9.8235, 7.6022



69.4772, -6.3804, 5.5928



52.3791, -5.1984, 9.0678



33.1941, -3.3650, 2.8873



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.



51.0836, -9.8235, 7.6022



67.4271, -14.7579, 11.2527



51.2976, -8.6240, 4.5358



24.5548, -4.1310, 3.2523



41.6771, -35.7381, 25.0555



4.0751, -3.4944, 2.4498

Inverse Universe

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



48.3548, 4.9183, -2.4719



63.1131, 8.5554, -4.6789



48.1101, 3.6123, 1.0022



23.4756, 1.6979, -0.7309



26.2998, 51.7060, -34.6862



2.5716, 5.0558, -3.3917

Previews

White Background



This preview shows how the HunterLab color 51.0825, -9.8224, 7.6015 looks on a white background.

Color Contrast Check

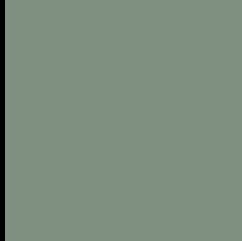
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.0825, -9.8224, 7.6015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

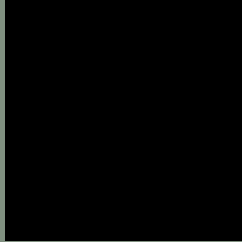
Any Text WCAG AA ✓ Pass

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 51.0825, -9.8224, 7.6015 Background



This preview shows how black text looks on a background with the HunterLab color 51.0825, -9.8224, 7.6015.



This preview shows how white text looks on a background with the HunterLab color 51.0825, -9.8224,

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

51.0825, -9.8224, 7.6015

Protanopia

50.9565, -2.9606, 8.7723

Deuteranopia

51.0957, 3.5005, 7.0403



Tritanopia

51.2077, -3.4859, -2.9014

Trichromacy



Original Color

51.0825, -9.8224, 7.6015

Protanomaly

51.0344, -5.5828, 8.4177

Deuteranomaly

50.8654, -1.6165, 7.1060

Tritanomaly

51.1414, -5.7612, 1.2851

Monochromacy



Original Color

51.0825, -9.8224, 7.6015

Achromatopsia

50.0158, -2.6687, 2.7175

Achromatomaly

50.5428, -5.4111, 4.5919

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.0825, -9.8224, 7.6015 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(128, 144, 128)` looks like.

```
.text, #text, p{  
    color:rgb(128, 144, 128)  
}
```

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(128, 144, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 144, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 51.0825, -9.8224, 7.6015 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(128, 144, 128) }
```


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

```
.border{ border-color:rgb(128, 144, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 144, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 144, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 144, 128);  
box-shadow:4px 4px 4px 4px rgb(128, 144,  
128) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.0825, -9.8224, 7.6015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 144, 128) }
```

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

```
.background{ background-color: rgb(128,  
144, 128) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor