

Converting Colors

HunterLab(41.0755, -8.7635,
-8.4251)

Have a look what the booklet for
HunterLab(41.0755, -8.7635,
-8.4251) contains.

HunterLab(41.1823, -8.9876, -8.3152)	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(41.1823, -8.9876,
-8.3152)

Conversions

Conversions Part 1

Format	Color
Hex	517888
RGB	81, 120, 136
RGB Percent	32%, 47%, 53%
CMY	0.6823, 0.5294, 0.4667
CMYK	0.40, 0.12, 0.00, 0.47
HSL	197°, 25%, 43%
HSV	197°, 40%, 53%
XYZ	14.5537, 16.9598, 25.7991
YIQ	110.1630, -28.3800, -3.2920

Conversions

Conversions Part 2

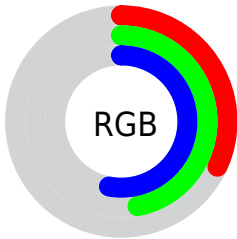
Format	Color
R_{YB}	81, 104, 136
Decimal	5339272
CIE _{Lab}	48.21, -9.27, -13.05
CIE _{LCh}	48, 16.010, 234.617
Yxy	16.9605, 0.2539, 0.2959
Android (android.graphics.Color)	4283529352 (0xFF517888)
YUV	110.1630, 12.7376, -25.5760
Hunter-Lab	41.1823, -8.9876, -8.3152

Details

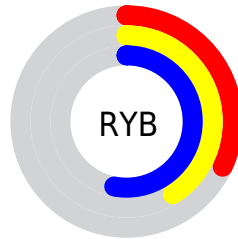
The HunterLab color **41.1823, -8.9876, -8.3152** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **37.9183, 8.5558, 11.3420**, and the grayscale version is **39.5112, -2.1082, 2.1467**.

A 20% lighter version of the original color is **61.7784, -10.9988, -8.3299**, and **23.6599, -6.9862, -7.6056** is the 20% darker color. If you saturate the color by 10%, you get **39.3529, -9.7330, -11.0148**, and if you desaturate by 10%, it is **43.1209, -7.8858, -5.5942**.

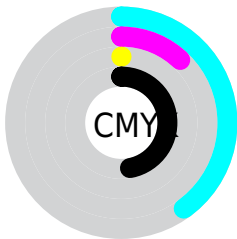
Distribution



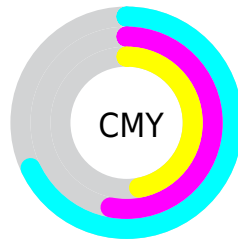
- Red (32%)
- Green (47%)
- Blue (53%)



- Red (32%)
- Yellow (41%)
- Blue (53%)



- Cyan (40%)
- Magenta (12%)
- Yellow (0%)
- Black (47%)



- Cyan (68%)
- Magenta (53%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.1823, -8.9876, -8.3152 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 41.1823, -8.9876, -8.3152 by changing the saturation by 10% instead.

41.1823, -8.9876,
-8.3152

41.1823, -8.9876,
-8.3152

153.2790,
-18.9161, -6.9572

31.9473, -7.9048,
-8.1645

61.8529, -11.1403,
-8.3997

23.5286, -6.8036,
-7.9348

73.1914, -12.2208,
-8.3467

16.0157, -5.6647,
-7.6234

85.1488, -13.3088,
-8.2366

9.5348, -4.7494,
-7.2492

97.6946, -14.4063,
-8.0737

0.0000, NaN, -NF

0.0000, NaN, NaN

110.8023,
-15.5148, -7.8614

0.0000, NaN, NaN

124.4490,

0.0000, NaN, NaN

-16.6355, -7.6028

0.0000, NaN, NaN

138.6140,
-17.7691, -7.3006

■ 41.1823, -8.9876,
-8.3152

■ 41.1823, -8.9876,
-8.3152

■ 39.3529, -9.7330,
-11.0148

■ 43.1209, -7.8858,
-5.5942

■ 37.6358, -10.0929,
-13.6803

■ 45.1602, -6.4569,
-2.8662

■ 36.0362, -10.0448,
-16.2939

■ 47.2950, -4.7321,
-0.1402

■ 34.5566, -9.5754,
-18.8383

■ 49.5192, -2.7408,
2.5767

■ 33.1964, -8.6868,
-21.2984

■ 51.8268, -0.5105,
5.2794

■ 31.9745, -7.5711,
-23.6216

■ 54.2124, 1.9336,
7.9648

■ 56.6707, 4.5690,
10.6308

■ 59.1970, 7.3755,
13.2766

■ 61.7869, 10.3354,
15.9022

Harmonies

Analogous

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



41.1831, -12.6531, -2.8582



41.1823, -8.9876, -8.3152



41.1831, -3.3309, -10.9743

Triad

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



41.1831, -8.9879, -8.3145



41.1831, 10.5805, 1.1450



41.1831, -7.1297, 11.4094

Complementary

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



41.1823, -8.9876, -8.3152



37.9183, 8.5558, 11.3420

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.



41.1831, -1.0560, 12.1511



41.1823, -8.9876, -8.3152



41.1831, 9.4132, 6.7627

Square

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



41.1831, -8.9879, -8.3145



41.1831, 8.1595, -5.0119



41.1831, 5.0590, 10.5804



41.1831, -11.6263, 8.3768

Rectangle

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



41.1823, -8.9876, -8.3152



41.1831, 0.9051, -10.5538



41.1831, 5.0590, 10.5804



41.1831, -5.2151, 11.9137

Sweetspot

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



41.1831, -8.9879, -8.3145



62.2595, -6.7262, -0.8442



44.9592, -21.7603, 12.5420



29.8117, -3.3617, -0.5953



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



41.1831, -8.9879, -8.3145



52.3303, -12.8924, -14.4877



33.6770, 3.3163, -20.1984



23.3388, -2.2039, 0.1015



31.1332, -7.4046, -22.9293



2.9947, -1.2356, -1.0758

Inverse Universe

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



35.3208, 21.5053, -7.6879



43.2690, 36.0863, -12.7495



45.0165, -4.0070, 17.4154



22.5933, 1.3303, 0.0731



24.0056, 44.4788, -10.6001



2.0208, 3.8528, -1.7343

Previews

White Background



This preview shows how the HunterLab color 41.1823, -8.9876, -8.3152 looks on a white 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

Black Background



This preview shows how the HunterLab color 41.1823, -8.9876, -8.3152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

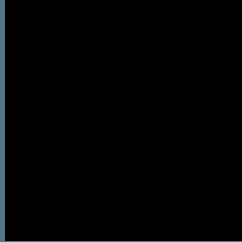
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 41.1823, -8.9876, -8.3152 Background



This preview shows how black text looks on a background with the HunterLab color 41.1823, -8.9876, -8.3152.



This preview shows how white text looks on a background with the HunterLab color 41.1823, -8.9876, -8.3152.

-8.3152.

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

41.1823, -8.9876, -8.3152

Protanopia

41.0225, 0.2564, -5.7523

Deuteranopia

41.1510, 2.5578, -9.2417



Tritanopia

41.2540, -10.5698, -5.6250

Trichromacy



Original Color

41.1823, -8.9876, -8.3152

Protanomaly

41.1018, -3.5948, -6.7461

Deuteranomaly

41.0296, -2.1374, -8.9551

Tritanomaly

41.3203, -10.1933, -6.5577

Monochromacy



Original Color

41.1823, -8.9876, -8.3152

Achromatopsia

39.4875, -2.1070, 2.1454

Achromatomaly

40.0240, -5.4071, -1.2859

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.1823, -8.9876, -8.3152 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(81, 120, 136)` looks like.

```
.text, #text, p{  
    color:rgb(81, 120, 136)  
}
```

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(81, 120, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 120, 136) }
```

Border

The CSS property to change the border of an element to HunterLab 41.1823, -8.9876, -8.3152 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(81, 120, 136) }
```


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

```
.border{ border-color:rgb(81, 120, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 120, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 120, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 120, 136);  
box-shadow:4px 4px 4px 4px rgb(81, 120,  
136) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.1823, -8.9876, -8.3152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 120, 136) }
```

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

```
.background{ background-color: rgb(81, 120,  
136) }
```

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