

Converting Colors

HunterLab(41.8974, 0.4815,
8.7921)

Have a look what the booklet for
HunterLab(41.8974, 0.4815, 8.7921)
contains.

HunterLab(41.9784, 0.4018, 8.8453)	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(41.9784, 0.4018,
8.8453)**

Conversions

Conversions Part 1

Format	Color
Hex	817264
RGB	129, 114, 100
RGB Percent	51%, 45%, 39%
CMY	0.4941, 0.5529, 0.6078
CMYK	0.00, 0.12, 0.22, 0.49
HSL	29°, 13%, 45%
HSV	29°, 22%, 51%
XYZ	17.3708, 17.6219, 14.5424
YIQ	116.8890, 13.4340, -1.1740

Conversions

Conversions Part 2

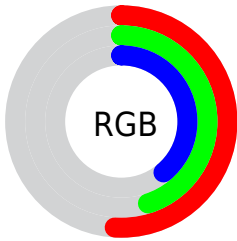
Format	Color
R_{YB}	129, 127, 100
Decimal	8483428
CIE _{Lab}	49.04, 3.43, 9.90
CIE _{LCh}	49, 10.472, 70.910
Yxy	17.6227, 0.3507, 0.3557
Android (android.graphics.Color)	4286673508 (0xFF817264)
YUV	116.8890, -8.3263, 10.6213
Hunter-Lab	41.9784, 0.4018, 8.8453

Details

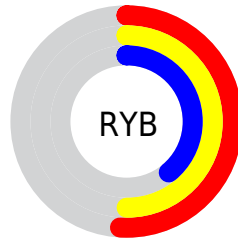
The HunterLab color $41.9784, 0.4018, 8.8453$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $40.6883, -3.8700, -5.2599$, and the grayscale version is $42.1622, -2.2497, 2.2908$.

A 20% lighter version of the original color is $62.8107, -0.4683, 11.0585$, and $24.1158, 0.8406, 6.5940$ is the 20% darker color. If you saturate the color by 10%, you get $39.9271, 1.9716, 11.2157$, and if you desaturate by 10%, it is $44.1055, -0.9926, 6.1982$.

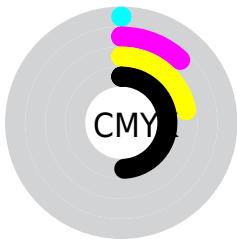
Distribution



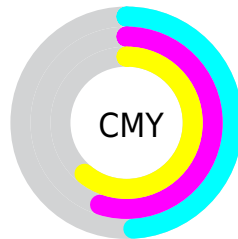
- Red (51%)
- Green (45%)
- Blue (39%)



- Red (51%)
- Yellow (50%)
- Blue (39%)



- Cyan (0%)
- Magenta (12%)
- Yellow (22%)
- Black (49%)



- Cyan (49%)
- Magenta (55%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.9784, 0.4018, 8.8453 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 41.9784, 0.4018, 8.8453 by changing the saturation by 10% instead.

■ 41.9784, 0.4018,
8.8453

■ 41.9784, 0.4018,
8.8453

154.5107, -4.2012,
19.0842

■ 32.6794, 0.6909,
7.7152

■ 62.7641, -0.3392,
11.0800

■ 24.1903, 0.9189,
6.5592

■ 74.1549, -0.7784,
12.1972

■ 16.5985, 1.0733,
5.3544

■ 86.1619, -1.2592,
13.3198

■ 10.0263, 1.1362,
4.6695

■ 98.7550, -1.7786,
14.4505

0.0000, NaN, NaN

0.0000, NaN, NaN

111.9081, -2.3343,
15.5911

0.0000, NaN, NaN

125.5982, -2.9244,

0.0000, NaN, NaN

16.7430

0.0000, NaN, NaN

139.8051, -3.5472,
17.9071

■ 41.9784, 0.4018,
8.8453

■ 41.9784, 0.4018,
8.8453

■ 39.9271, 1.9716,
11.2157

■ 44.1055, -0.9926,
6.1982

■ 37.9551, 3.7317,
13.2774

■ 46.2997, -2.2199,
3.3002

■ 36.0706, 5.6896,
14.9993

■ 48.5566, -3.2937,
0.1768

■ 34.2811, 7.8502,
16.3497

■ 50.8714, -4.2263,
-3.1496

■ 32.5946, 10.2118,
17.2996

■ 53.2400, -5.0292,
-6.6596

■ 31.0190, 12.7638,
17.8276

■ 55.6586, -5.7135,
-10.3359

■ 29.5619, 15.4823,
17.9283

■ 58.1237, -6.2892,
-14.1634

■ 28.5374, 17.5608,
17.8920

■ 60.6324, -6.7654,
-18.1291

■ 63.1818, -7.1507,
-22.2212

Harmonies

Analogous

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



41.9793, 3.9621, 6.9596



41.9784, 0.4018, 8.8453



41.9793, -3.7422, 9.0781

Triad

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



41.9793, 0.4005, 8.8459



41.9793, -9.7960, 0.8224



41.9793, 3.1140, -3.8680

Complementary

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



41.9784, 0.4018, 8.8453



40.6883, -3.8700, -5.2599

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.



41.9793, -0.7208, -5.8755



41.9784, 0.4018, 8.8453



41.9793, -8.1058, -2.9978

Square

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



41.9793, 0.4005, 8.8459



41.9793, -9.5221, 4.6934



41.9793, -4.8210, -5.5424



41.9793, 5.5703, -0.2750

Rectangle

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



41.9784, 0.4018, 8.8453



41.9793, -6.2643, 8.2917



41.9793, -4.8210, -5.5424



41.9793, 1.9373, -4.7657

Sweetspot

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



41.9793, 0.4005, 8.8459



60.5719, -2.2279, 6.2722



38.7689, 9.1923, -0.9710



28.7562, -1.0257, 3.0651



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



41.9793, 0.4005, 8.8459



54.7487, 1.5885, 13.5205



45.8633, -6.0123, 12.5690



21.5875, -0.6869, 2.5235



28.1931, 17.3060, 17.6754

0.0000, NaN, NaN

Inverse Universe

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



40.6883, -3.8700, -5.2599



52.6379, -5.3776, -9.5517



36.8720, 2.6131, -10.6304



21.3326, -1.5327, -0.2594

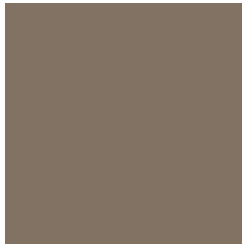


23.3117, 3.6764, -37.0739

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 41.9784, 0.4018, 8.8453 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 41.9784, 0.4018, 8.8453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

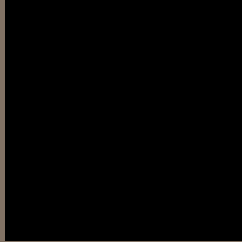
Any Text WCAG AA ✓ Pass

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 41.9784, 0.4018, 8.8453 Background



This preview shows how black text looks on a background with the HunterLab color 41.9784, 0.4018, 8.8453.



This preview shows how white text looks on a background with the HunterLab color 41.9784, 0.4018,

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

41.9784, 0.4018, 8.8453

Protanopia

41.9141, -2.5683, 8.3664

Deuteranopia

41.9247, 2.9540, 8.8350



Tritanopia

41.8930, 5.2347, 0.7575

Trichromacy



Original Color

41.9784, 0.4018, 8.8453

Protanomaly

41.9059, -1.1908, 8.3820

Deuteranomaly

41.9951, 1.8320, 8.8874

Tritanomaly

41.8646, 3.4023, 3.7308

Monochromacy



Original Color

41.9784, 0.4018, 8.8453

Achromatopsia

42.1768, -2.2504, 2.2915

Achromatomaly

42.0754, -1.5124, 4.7083

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.9784, 0.4018, 8.8453 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, 114, 100)` looks like.

```
.text, #text, p{  
    color:rgb(129, 114, 100)  
}
```

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, 114, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 114, 100) }
```

Border

The CSS property to change the border of an element to HunterLab 41.9784, 0.4018, 8.8453 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, 114, 100) }
```


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

```
.border{ border-color:rgb(129, 114, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 114, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 114, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 114, 100);  
box-shadow:4px 4px 4px 4px rgb(129, 114,  
100) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.9784, 0.4018, 8.8453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 114, 100) }
```

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

```
.background{ background-color: rgb(129,  
114, 100) }
```

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