

Converting Colors

Hex(1C8040)

Have a look what the booklet for
Hex(1C8040) contains.

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Color

Hex(1C8040)

Conversions

Conversions Part 1

Format	Color
Hex	1C8040
RGB	28, 128, 64
RGB Percent	11%, 50%, 25%
CMY	0.8902, 0.4980, 0.7490
CMYK	0.78, 0.00, 0.50, 0.50
HSL	142°, 64%, 31%
HSV	142°, 78%, 50%
XYZ	9.1235, 16.0554, 7.4686
YIQ	90.8040, -39.0560, -41.1040

Conversions

Conversions Part 2

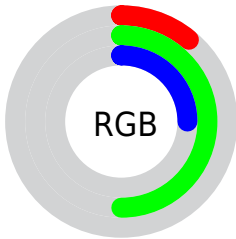
Format	Color
R_{YB}	28, 102, 128
Decimal	1867840
CIE Lab	47.05, -42.82, 26.83
CIE LCh	47, 50.533, 147.928
Yxy	16.0554, 0.2795, 0.4918
Android (android.graphics.Color)	4280057920 (0xFF1C8040)
YUV	90.8040, -13.2144, -55.0791
Hunter-Lab	40.0692, -29.4778, 16.9972

Details

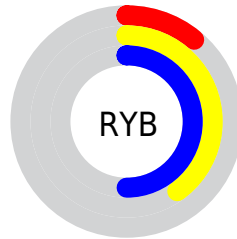
The Hex color **1C8040** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **801C5C**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **59B671**, and **004D12** is the 20% darker color. If you saturate the color by 10%, you get **0F8038**, and if you desaturate by 10%, it is **298048**.

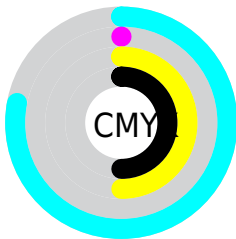
Distribution



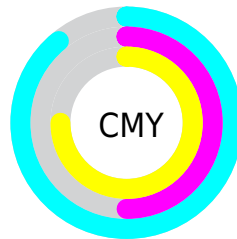
- Red (11%)
- Green (50%)
- Blue (25%)



- Red (11%)
- Yellow (40%)
- Blue (50%)



- Cyan (78%)
- Magenta (0%)
- Yellow (50%)
- Black (50%)



- Cyan (89%)
- Magenta (50%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C8040 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 Hex color 1C8040 by changing the saturation by 10% instead.

 1C8040

 1C8040

FFFFFF

 006629

 59B671

 004D12

 75D28B

 003500

 91EEA5

 002000

 ADFFC1

 000000

 CAFFDD

 E7FFF9

 1C8040

 1C8040

 0F8038

 298048

■ 028030

■ 368050

■ 00802E

■ 428059

■ 4F8061

■ 5C8069

■ 698071

■ 768079

■ 828082

■ 8F808A

Harmonies

Analogous

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



5E791C



1C8040



00836B

Triad

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



1C8040



0075C5



BA4B4A

Complementary

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



1C8040



801C5C

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.



B94774



1C8040



6A66BB

Square

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



1C8040



007FB7



A0539D



A85C26

Rectangle

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



1C8040



008488



A0539D



BC4858

Sweetspot

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



1C8040



80A68D



5D801C



3D5445



D4D4D4



545454

Same Dimension

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



1C8040



0AA642



1C8071



39403C



00802E



000000

Inverse Universe

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



801C5C



A60A6E



801C2B



40393D



800052



000000

Previews

White Background



This preview shows how the Hex color 1C8040 looks on a white background.

Color Contrast Check

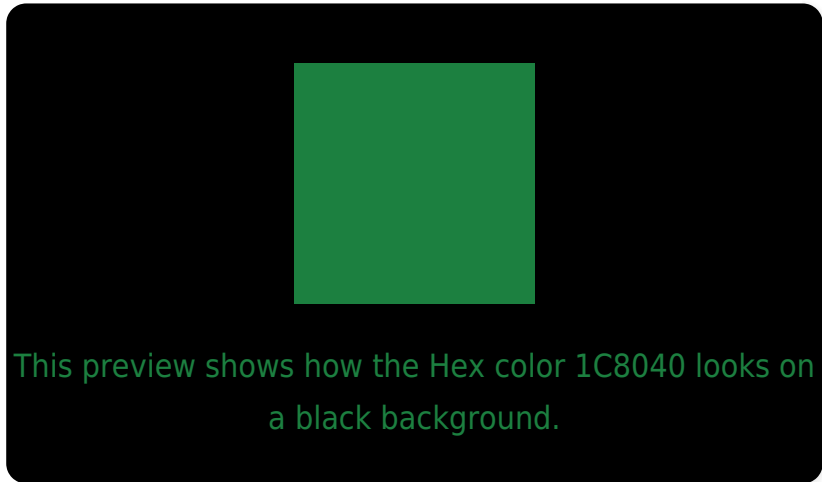
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

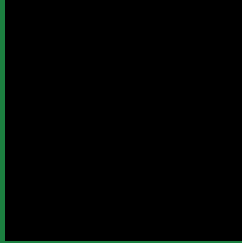
Any Text WCAG AA × Fail

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](#).

Hex 1C8040 Background



This preview shows how black text looks on a background with the Hex color 1C8040.



This preview shows how white text looks on a background with the Hex color 1C8040.

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
1C8040

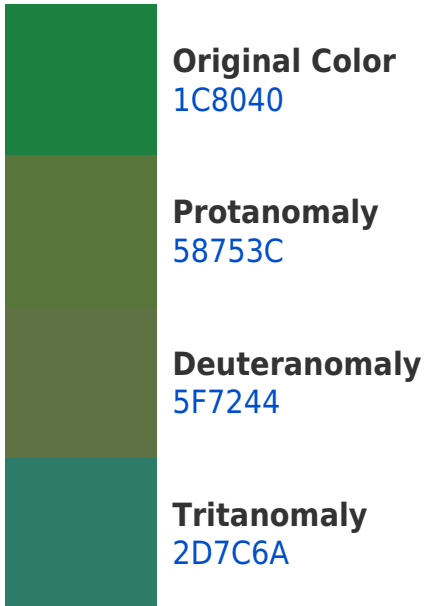
Protanopia
7A6F3A

Deuteranopia
866A46



Tritanopia
377982

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1C8040 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 #1C8040 looks like.

```
.text, #text, p{  
    color:#1C8040  
}
```

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 #1C8040 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C8040
}
```

Border

The CSS property to change the border of an element to Hex 1C8040 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
#1C8040 }
```

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

```
.border{ border-color:#1C8040 }
```

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

Here you see how a box with a 4 pixel #1C8040 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C8040; -webkit-box-shadow:4px 4px  
4px 4px #1C8040; box-shadow:4px 4px 4px  
4px #1C8040 }
```

Background

The CSS property to change the background color of an element to Hex 1C8040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C8040 }
```

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

```
.background{ background-color:#1C8040 }
```

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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