

Converting Colors

Hex(08B475)

Have a look what the booklet for
Hex(08B475) contains.

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Color

Hex(08B475)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 08B475 |
| RGB | 8, 180, 117 |
| RGB Percent | 3%, 71%, 46% |
| CMY | 0.9686, 0.2941, 0.5412 |
| CMYK | 0.96, 0.00, 0.35, 0.29 |
| HSL | 158°, 91%, 37% |
| HSV | 158°, 96%, 71% |
| XYZ | 19.6323, 33.9785, 22.3534 |
| YIQ | 121.3900, -82.2890, -56.0570 |

Conversions

Conversions Part 2

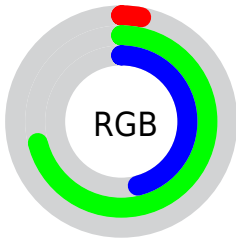
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 8, 113, 180 |
| Decimal | 570485 |
| CIELab | 64.95, -53.34, 21.58 |
| CIELCh | 65, 57.540, 157.977 |
| Yxy | 33.9785, 0.2584, 0.4473 |
| Android (android.graphics.Color) | 4278760565 (0xFF08B475) |
| YUV | 121.3900, -2.1643, -99.4430 |
| Hunter-Lab | 58.2911, -41.8910, 18.0673 |

Details

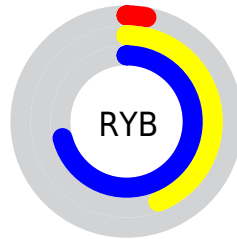
The Hex color **08B475** is a dark color, and the websafe version is hex **00CC99**. A complement of this color would be **B40847**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **60EDA9**, and **007E44** is the 20% darker color. If you saturate the color by 10%, you get **00B472**, and if you desaturate by 10%, it is **1AB47C**.

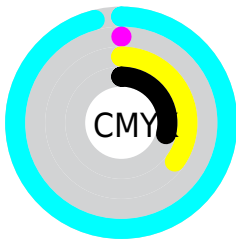
Distribution



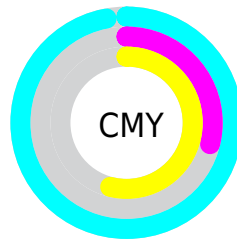
- Red (3%)
- Green (71%)
- Blue (46%)



- Red (3%)
- Yellow (44%)
- Blue (71%)



- Cyan (96%)
- Magenta (0%)
- Yellow (35%)
- Black (29%)



- Cyan (97%)
- Magenta (29%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 08B475 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 08B475 by changing the saturation by 10% instead.

 08B475

 08B475

FFFFFF

 00995C

 60EDA9

 007E44

 7FFFC5

 00642D

 9EFFE1

 004A17

 BCFFFE

 003300

 DAFFFF

 001A00

 F8FFFF

 000000

 08B475

 08B475

 00B472

 1AB47C

 2CB482

 3EB489

 50B48F

 62B496

 74B49D

 86B4A3

 98B4AA

 AAB4B0

Harmonies

Analogous

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



76AC48



08B475



00B7AA

Triad

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



08B475



519FFF



F57961

Complementary

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



08B475



B40847

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.



FC6F92



08B475



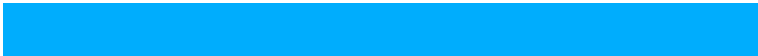
B28AEF

Square

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



08B475



00ADFD



E776C5



D88D3B

Rectangle

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



08B475



00B6CC



E776C5



FA7470

Sweetspot

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



08B475



A7EBD2



47B408



4C7566



F5F5F5



757575

Same Dimension

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



08B475



00EB95



089DB4



505956



009961



001A10

Inverse Universe

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



B40847



EB0056



B41F08



595054



990038



1A0009

Previews

White Background



This preview shows how the Hex color 08B475 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 08B475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

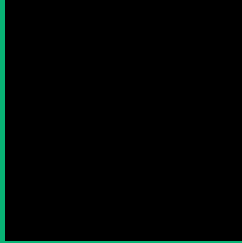
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 08B475 Background



This preview shows how black text looks on a background with the Hex color 08B475.



This preview shows how white text looks on a background with the Hex color 08B475.

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





Trichromacy



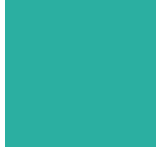
Original Color
08B475



Protanomaly
6EA56F



Deuteranomaly
77A179



Tritanomaly
2BAFA1

Monochromacy



Original Color
08B475



Achromatopsia
797979



Achromatomaly
508E78

CSS Examples

Text

The CSS property to change the color of the text to Hex 08B475 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 #08B475 looks like.

```
.text, #text, p{  
  color:#08B475  
}
```

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 #08B475 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #08B475
}
```

Border

The CSS property to change the border of an element to Hex 08B475 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
#08B475 }
```

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

```
.border{ border-color:#08B475 }
```

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

Here you see how a box with a 4 pixel #08B475 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #08B475; -webkit-box-shadow:4px 4px  
4px 4px #08B475; box-shadow:4px 4px 4px  
4px #08B475 }
```

Background

The CSS property to change the background color of an element to Hex 08B475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#08B475 }
```

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

```
.background{ background-color:#08B475 }
```

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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