

# Converting Colors

Hex(05A083)

Have a look what the booklet for  
Hex(05A083) contains.

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**Color**

**Hex(05A083)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                 |
|---------------|------------------------------|
| Hex           | 05A083                       |
| RGB           | 5, 160, 131                  |
| RGB Percent   | 2%, 63%, 51%                 |
| CMY           | 0.9804, 0.3725, 0.4863       |
| CMYK          | 0.97, 0.00, 0.18, 0.37       |
| HSL           | 169°, 94%, 32%               |
| HSV           | 169°, 97%, 63%               |
| XYZ           | 16.7301, 26.8126, 25.7663    |
| YIQ           | 110.3490, -83.0710, -41.8790 |

# Conversions

## Conversions Part 2

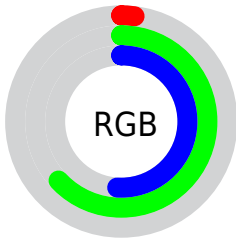
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 5, 90, 160                     |
| Decimal                             | 368771                         |
| CIE <sub>Lab</sub>                  | 58.80, -42.20, 5.26            |
| CIE <sub>LCh</sub>                  | 59, 42.528, 172.896            |
| Y <sub>xy</sub>                     | 26.8126, 0.2414,<br>0.3869     |
| Android<br>(android.graphics.Color) | 4278558851<br>(0xFF05A083)     |
| YUV                                 | 110.3490, 10.1809,<br>-92.3911 |
| Hunter-Lab                          | 51.7809, -32.9441,<br>6.7437   |

# Details

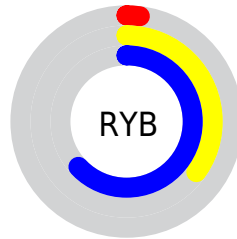
The Hex color **05A083** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A0522**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **5BD8B8**, and **006B52** is the 20% darker color. If you saturate the color by 10%, you get **00A082**, and if you desaturate by 10%, it is **15A086**.

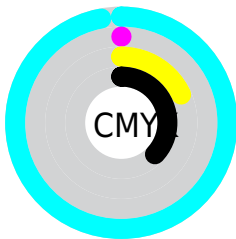
# Distribution



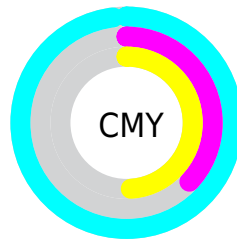
- Red (2%)
- Green (63%)
- Blue (51%)



- Red (2%)
- Yellow (35%)
- Blue (63%)



- Cyan (97%)
- Magenta (0%)
- Yellow (18%)
- Black (37%)



- Cyan (98%)
- Magenta (37%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 05A083 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 05A083 by changing the saturation by 10% instead.



 05A083

 05A083

FFFFFF

 00856A

 5BD8B8

 006B52

 79F4D4

 00523B

 97FFF0

 003A25

 B5FFF0

 002510

 D2FFF0

 000000

 F0FFF0

 05A083

 05A083

 00A082

 15A086

 25A089

 35A08C

 45A08F

 55A092

 65A095

 75A098

 85A09B

 95A09E

# Harmonies

## Analogous

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



5B9C5F



05A083



00A0A9

# Triad

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



05A083



8287D2



C77B53

# Complementary

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



05A083



A00522

# 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.



D47072



05A083



B379BB

# Square

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



05A083



3394D7



CE6F98



AC8842

# Rectangle

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



05A083



009EBF



CE6F98



CD775C



# Sweetspot

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



05A083



94D1C6



24A005



446962



E8E8E8



696969



# Same Dimension

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



05A083



00D1AA



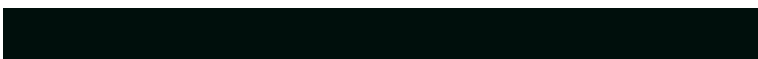
0571A0



474F4E



008F74



000F0C



# Inverse Universe

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



A00522



D10027



A03405



4F4749



8F001B



0F0003



# Previews

## White Background



This preview shows how the Hex color 05A083 looks on a white background.

## Color Contrast Check

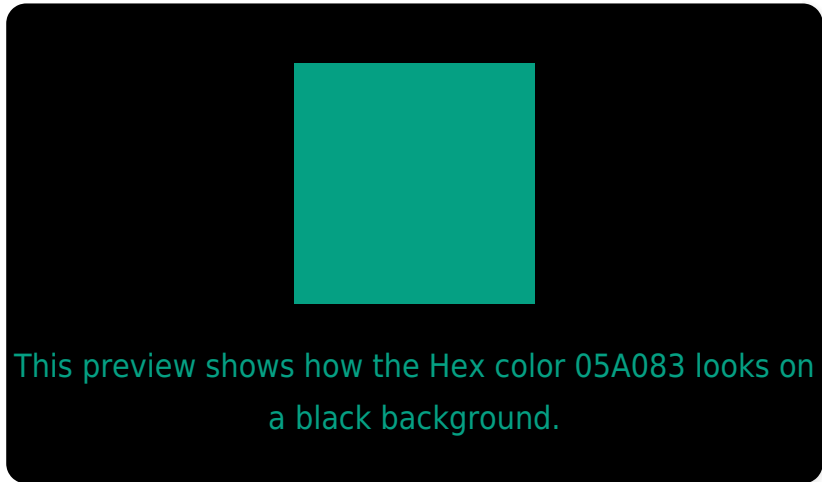
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

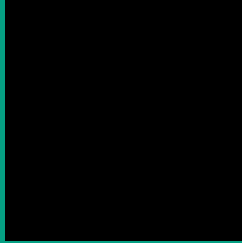
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 05A083 Background



This preview shows how black text looks on a background with the Hex color 05A083.

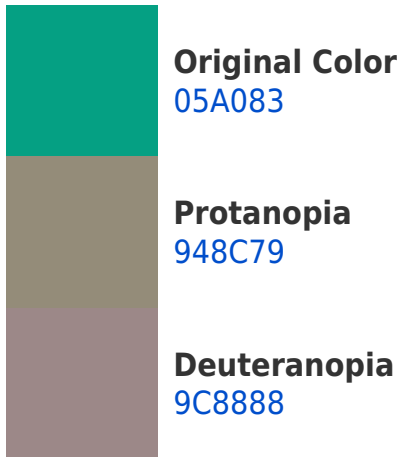


This preview shows how white text looks on a background with the Hex color 05A083.

# 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





**Tritanopia**  
2F9BA8

# Trichromacy



**Original Color**  
05A083



**Protanomaly**  
60937D



**Deuteranomaly**  
659186



**Tritanomaly**  
209D9B

# Monochromacy



**Original Color**  
05A083



**Achromatopsia**  
6E6E6E



**Achromatomaly**  
488076

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 05A083 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 #05A083 looks like.

```
.text, #text, p{  
    color:#05A083  
}
```

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 #05A083 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05A083
}
```

## Border

The CSS property to change the border of an element to Hex 05A083 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
#05A083 }
```

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

```
.border{ border-color:#05A083 }
```

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

Here you see how a box with a 4 pixel #05A083 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05A083; -webkit-box-shadow:4px 4px  
4px 4px #05A083; box-shadow:4px 4px 4px  
4px #05A083 }
```

# Background

The CSS property to change the background color of an element to Hex 05A083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05A083 }
```

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

```
.background{ background-color:#05A083 }
```

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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