

# Converting Colors

Hex(05B283)

Have a look what the booklet for  
Hex(05B283) contains.

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**Color**

**Hex(05B283)**

# Conversions

## Conversions Part 1

Format	Color
Hex	05B283
RGB	5, 178, 131
RGB Percent	2%, 70%, 51%
CMY	0.9804, 0.3020, 0.4863
CMYK	0.97, 0.00, 0.26, 0.30
HSL	164°, 95%, 36%
HSV	164°, 97%, 70%
XYZ	20.0797, 33.5117, 26.8828
YIQ	120.9150, -88.0210, -51.2930

# Conversions

## Conversions Part 2

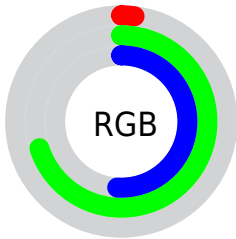
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 105, 178
Decimal	373379
CIELab	64.57, -49.51, 13.45
CIELCh	65, 51.303, 164.801
Yxy	33.5117, 0.2495, 0.4164
Android (android.graphics.Color)	4278563459 (0xFF05B283)
YUV	120.9150, 4.9719, -101.6575
Hunter-Lab	57.8893, -39.3911, 12.9893

# Details

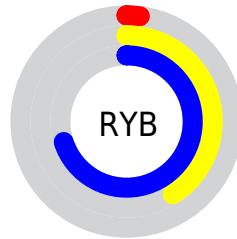
The Hex color **05B283** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B20534**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **5FEBB8**, and **007C51** is the 20% darker color. If you saturate the color by 10%, you get **00B282**, and if you desaturate by 10%, it is **17B288**.

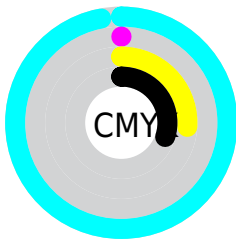
# Distribution



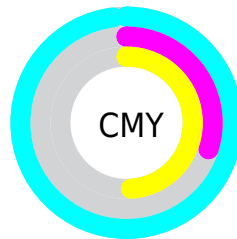
- Red (2%)
- Green (70%)
- Blue (51%)



- Red (2%)
- Yellow (41%)
- Blue (70%)



- Cyan (97%)
- Magenta (0%)
- Yellow (26%)
- Black (30%)



- Cyan (98%)
- Magenta (30%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 05B283 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 05B283 by changing the saturation by 10% instead.



 05B283

 05B283

FFFFFF

 00976A

 5FE8B8

 007C51

 7FFFD4

 00623A

 9DFFF0

 004924

 BBFFFF

 003210

 D9FFFF

 001900

 F8FFFF

 000000

 05B283

 05B283

 00B282

 17B288

 29B28D

 3AB292

 4CB296

 5EB29B

 70B2A0

 82B2A5

 93B2AA

 A5B2AF

# Harmonies

## Analogous

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



6DAC59



05B283



00B4B3

# Triad

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



05B283



779AF5



E8815E

# Complementary

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



05B283



B20534

# 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.



F27588



05B283



BD87DE

# Square

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



05B283



00A8F5



E578B6



CA9242

# Rectangle

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



05B283



00B2D0



E578B6



ED7C6B



# Sweetspot

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



05B283



A5E8D6



36B205



4C756A



F5F5F5



757575



# Same Dimension

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



05B283



00E8A9



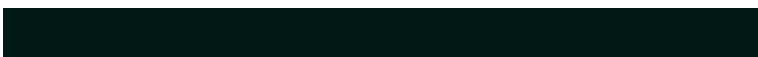
058DB2



505957



00996F



001A13



# Inverse Universe

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



B20534



E8003F



B22A05



595053



99002A

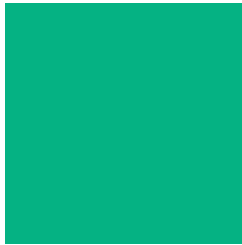


1A0007



# Previews

## White Background



This preview shows how the Hex color 05B283 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 05B283 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

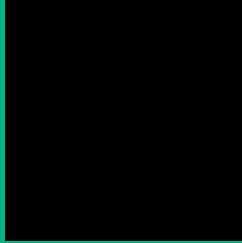
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 05B283 Background



This preview shows how black text looks on a background with the Hex color 05B283.

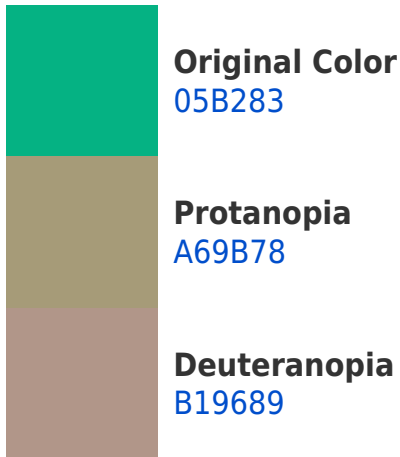


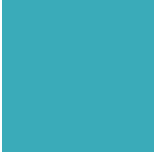
This preview shows how white text looks on a background with the Hex color 05B283.

# 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**  
3AABB9

# Trichromacy



**Original Color**  
05B283



**Protanomaly**  
6BA37C



**Deuteranomaly**  
72A087



**Tritanomaly**  
27AEA5

# Monochromacy



**Original Color**  
05B283



**Achromatopsia**  
797979



**Achromatomaly**  
4F8E7D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 05B283 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 #05B283 looks like.

```
.text, #text, p{  
    color:#05B283  
}
```

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 #05B283 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05B283
}
```

## Border

The CSS property to change the border of an element to Hex 05B283 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
#05B283 }
```

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

```
.border{ border-color:#05B283 }
```

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

Here you see how a box with a 4 pixel #05B283 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05B283; -webkit-box-shadow:4px 4px  
4px 4px #05B283; box-shadow:4px 4px 4px  
4px #05B283 }
```

# Background

The CSS property to change the background color of an element to Hex 05B283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05B283 }
```

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

```
.background{ background-color:#05B283 }
```

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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