

# Converting Colors

Hex(007C3A)

Have a look what the booklet for  
Hex(007C3A) contains.

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**Color**

**Hex(007C3A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	007C3A
RGB	0, 124, 58
RGB Percent	0%, 49%, 23%
CMY	1.0000, 0.5137, 0.7725
CMYK	1.00, 0.00, 0.53, 0.51
HSL	148°, 100%, 24%
HSV	148°, 100%, 49%
XYZ	7.9714, 14.7208, 6.4243
YIQ	79.4000, -52.7180, -46.8140

# Conversions

## Conversions Part 2

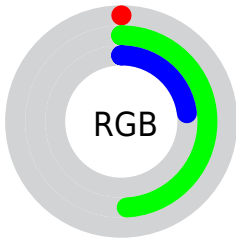
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 84, 124
Decimal	31802
CIELab	45.25, -45.15, 27.74
CIELCh	45, 52.988, 148.429
Yxy	14.7208, 0.2738, 0.5056
Android (android.graphics.Color)	4278221882 (0xFF007C3A)
YUV	79.4000, -10.5502, -69.6338
Hunter-Lab	38.3677, -30.0578, 16.9299

# Details

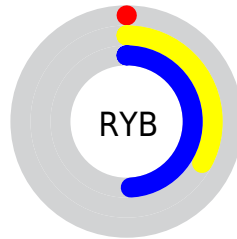
The Hex color **007C3A** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7C0042**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **4DB26B**, and **004A0C** is the 20% darker color. If you saturate the color by 10%, you get **007C3A**, and if you desaturate by 10%, it is **0C7C41**.

# Distribution



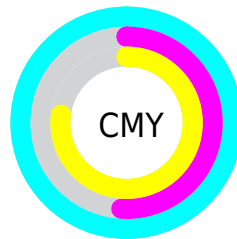
- Red (0%)
- Green (49%)
- Blue (23%)



- Red (0%)
- Yellow (33%)
- Blue (49%)



- Cyan (100%)
- Magenta (0%)
- Yellow (53%)
- Black (51%)



- Cyan (100%)
- Magenta (51%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 007C3A 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 007C3A by changing the saturation by 10% instead.



 007C3A

 007C3A

FFFFFF

 006223

 4DB26B

 004A0C

 6ACE84

 003200

 86EA9F

 001B00

 A3FFBA

 000000

 BFFFD6

 DCFFF2

 FAFFFF

 007C3A

 0C7C41

 197C47

 257C4E

 327C54

 3E7C5B

 4A7C62

 577C68

 637C6F

 707C75

# Harmonies

## Analogous

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



577510



007C3A



007F67

# Triad

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



007C3A



0071C4



B84444

# Complementary

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



007C3A



7C0042

# 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.



B73E6F



007C3A



6560B9

# Square

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



007C3A



007BB6



9E4C9A



A4571D

# Rectangle

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



007C3A



008086



9E4C9A



BA4052



# Sweetspot

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



007C3A



70A187



427C00



345242



D1D1D1



525252



# Same Dimension

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



007C3A



00A14B



007C78



373D3A



007D3A



00FC76



# Inverse Universe

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



7C0042



A10056



7C0004



3D373A



7D0043



FC0086



# Previews

## White Background



This preview shows how the Hex color 007C3A looks on a white background.

## Color Contrast Check

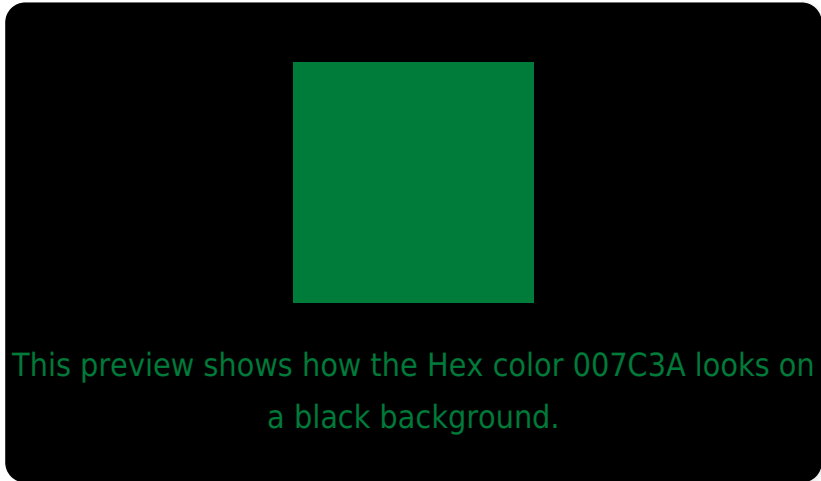
Large Text (above 18pt) WCAG AA ✓ Pass

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 007C3A Background



This preview shows how black text looks on a background with the Hex color 007C3A.



This preview shows how white text looks on a background with the Hex color 007C3A.

# 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**  
007C3A

**Protanopia**  
766B34

**Deuteranopia**  
826640



**Tritanopia**  
30757E

# Trichromacy



**Original Color**  
007C3A



**Protanomaly**  
4B7136



**Deuteranomaly**  
536E3E



**Tritanomaly**  
1F7865

# Monochromacy



**Original Color**  
007C3A



**Achromatopsia**  
4F4F4F



**Achromatomaly**  
325F47

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 007C3A 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 #007C3A looks like.

```
.text, #text, p{  
    color:#007C3A  
}
```

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 #007C3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007C3A
}
```

## Border

The CSS property to change the border of an element to Hex 007C3A 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
#007C3A }
```

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

```
.border{ border-color:#007C3A }
```

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

Here you see how a box with a 4 pixel #007C3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007C3A; -webkit-box-shadow:4px 4px  
4px 4px #007C3A; box-shadow:4px 4px 4px  
4px #007C3A }
```

# Background

The CSS property to change the background color of an element to Hex 007C3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007C3A }
```

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

```
.background{ background-color:#007C3A }
```

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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