

Converting Colors

Hex(007D3C)

Have a look what the booklet for
Hex(007D3C) contains.

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Color

Hex(007D3C)

Conversions

Conversions Part 1

Format	Color
Hex	007D3C
RGB	0, 125, 60
RGB Percent	0%, 49%, 24%
CMY	1.0000, 0.5098, 0.7647
CMYK	1.00, 0.00, 0.52, 0.51
HSL	149°, 100%, 25%
HSV	149°, 100%, 49%
XYZ	8.1492, 14.9935, 6.7395
YIQ	80.2150, -53.6350, -46.7150

Conversions

Conversions Part 2

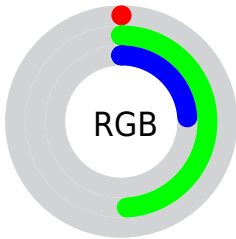
Format	Color
RYB	0, 84, 125
Decimal	32060
CIELab	45.63, -45.15, 27.14
CIELCh	46, 52.677, 148.992
Yxy	14.9935, 0.2727, 0.5018
Android (android.graphics.Color)	4278222140 (0xFF007D3C)
YUV	80.2150, -9.9660, -70.3486
Hunter-Lab	38.7214, -30.1957, 16.7855

Details

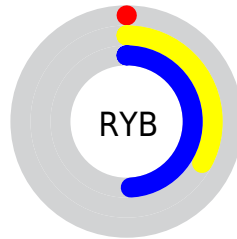
The Hex color **007D3C** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7D0041**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **4EB36D**, and **004A0E** is the 20% darker color. If you saturate the color by 10%, you get **007D3C**, and if you desaturate by 10%, it is **0C7D43**.

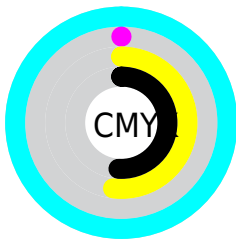
Distribution



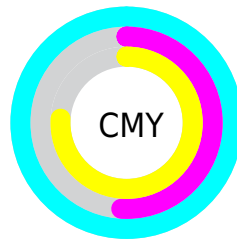
- Red (0%)
- Green (49%)
- Blue (24%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (52%)
- Black (51%)



- Cyan (100%)
- Magenta (51%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007D3C 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 007D3C by changing the saturation by 10% instead.

 007D3C

 007D3C

FFFFFF

 006325

 4EB36D

 004A0E

 6ACF86

 003300

 87EBA1

 001C00

 A3FFBC

 000000

 C0FFD8

 DDFFF5

 FAFFFF

 007D3C

 0C7D43

 197D49

 267D50

 327D56

 3F7D5D

 4B7D63

 577D6A

 647D70

 717D77

Harmonies

Analogous

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



577613



007D3C



008069

Triad

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



007D3C



0072C4



B84644

Complementary

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



007D3C



7D0041

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.



B8406F



007D3C



6861BA

Square

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



007D3C



007CB7



9F4D9A



A4581E

Rectangle

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



007D3C



008187



9F4D9A



BB4252

Sweetspot

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



007D3C



72A38A



437D00



345242



D1D1D1



525252

Same Dimension

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



007D3C



00A34E



007D79



39403C



00803D



000000

Inverse Universe

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



7D0041



A30055



7D0004



40393D



800042



000000

Previews

White Background



This preview shows how the Hex color 007D3C looks on a white background.

Color Contrast Check

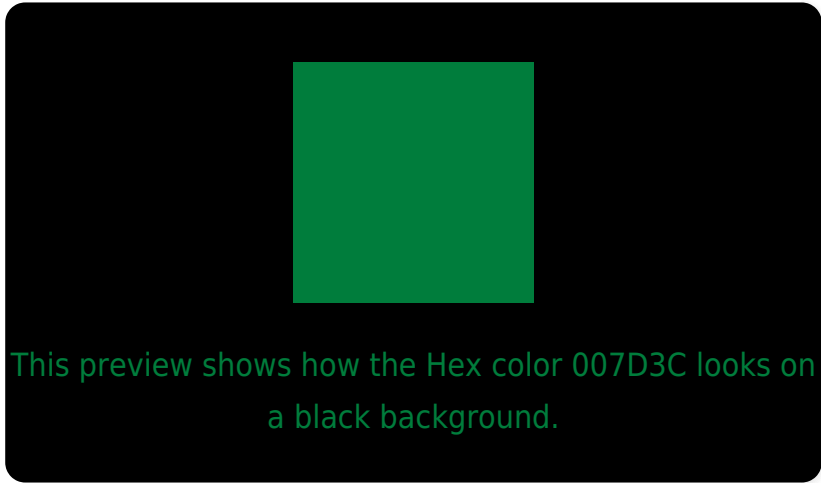
Large Text (above 18pt) WCAG AA ✓ Pass

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 007D3C Background



This preview shows how black text looks on a background with the Hex color 007D3C.



This preview shows how white text looks on a background with the Hex color 007D3C.

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
007D3C

Protanopia
776C36

Deuteranopia
826742



Tritanopia
30767F

Trichromacy



Original Color
007D3C



Protanomaly
4C7238



Deuteranomaly
536F40



Tritanomaly
1F7967

Monochromacy



Original Color
007D3C



Achromatopsia
505050



Achromatomaly
336049

CSS Examples

Text

The CSS property to change the color of the text to Hex 007D3C 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 #007D3C looks like.

```
.text, #text, p{  
    color:#007D3C  
}
```

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 #007D3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007D3C  
}
```

Border

The CSS property to change the border of an element to Hex 007D3C 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  
#007D3C }
```

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

```
.border{ border-color:#007D3C }
```

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

Here you see how a box with a 4 pixel #007D3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007D3C; -webkit-box-shadow:4px 4px  
4px 4px #007D3C; box-shadow:4px 4px 4px  
4px #007D3C }
```

Background

The CSS property to change the background color of an element to Hex 007D3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007D3C }
```

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

```
.background{ background-color:#007D3C }
```

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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