

Converting Colors

Hex(03775D)

Have a look what the booklet for
Hex(03775D) contains.

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Color

Hex(03775D)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 03775D |
| RGB | 3, 119, 93 |
| RGB Percent | 1%, 47%, 36% |
| CMY | 0.9882, 0.5333, 0.6353 |
| CMYK | 0.97, 0.00, 0.22, 0.53 |
| HSL | 167°, 95%, 24% |
| HSV | 167°, 97%, 47% |
| XYZ | 8.6102, 14.0033, 12.6050 |
| YIQ | 81.3520, -60.7900, -32.6780 |

Conversions

Conversions Part 2

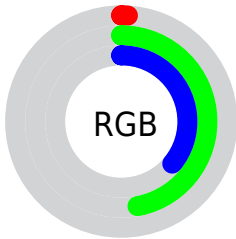
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 3, 68, 119 |
| Decimal | 227165 |
| CIELab | 44.24, -35.09, 6.38 |
| CIELCh | 44, 35.664, 169.689 |
| Yxy | 14.0033, 0.2445, 0.3976 |
| Android (android.graphics.Color) | 4278417245 (0xFF03775D) |
| YUV | 81.3520, 5.7425, -68.7147 |
| Hunter-Lab | 37.4210, -24.4159, 6.2232 |

Details

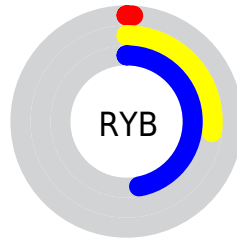
The Hex color **03775D** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **77031D**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **4DAC8F**, and **00452F** is the 20% darker color. If you saturate the color by 10%, you get **00775C**, and if you desaturate by 10%, it is **0F7760**.

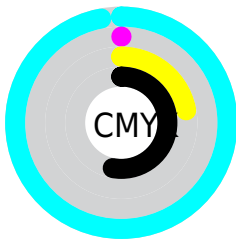
Distribution



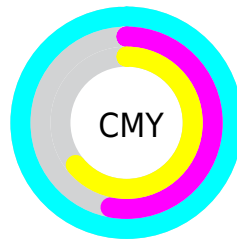
- Red (1%)
- Green (47%)
- Blue (36%)



- Red (1%)
- Yellow (27%)
- Blue (47%)



- Cyan (97%)
- Magenta (0%)
- Yellow (22%)
- Black (53%)



- Cyan (99%)
- Magenta (53%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 03775D 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 03775D by changing the saturation by 10% instead.

 03775D

 03775D

FFFFFF

 005E45

 4DAC8F

 00452F

 6AC8AA

 002E1A

 86E4C5

 001700

 A2FFE1

 000000

 BEFFFE

 DBFFFF

 F9FFFF

 03775D

 03775D

■ 00775C

■ 0F7760

■ 1B7762

■ 277765

■ 337768

■ 3F776A

■ 4A776D

■ 567770

■ 627772

■ 6E7775

Harmonies

Analogous

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



447441



03775D



00787C

Triad

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



03775D



5A65A0



97583C

Complementary

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



03775D



77031D

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.



A05156



03775D



83598F

Square

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



03775D



0A6FA3



9A5174



83632D

Rectangle

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



03775D



00768E



9A5174



9C5544

Sweetspot

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



03775D



6E9C91



1E7703



334F49



CFCFCF



4F4F4F

Same Dimension

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



03775D



009C79



035877



353B39



007A5F



00FAC2

Inverse Universe

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



77031D



9C0023



772203



3B3536



7A001B



FA0038

Previews

White Background



This preview shows how the Hex color 03775D looks on a white background.

Color Contrast Check

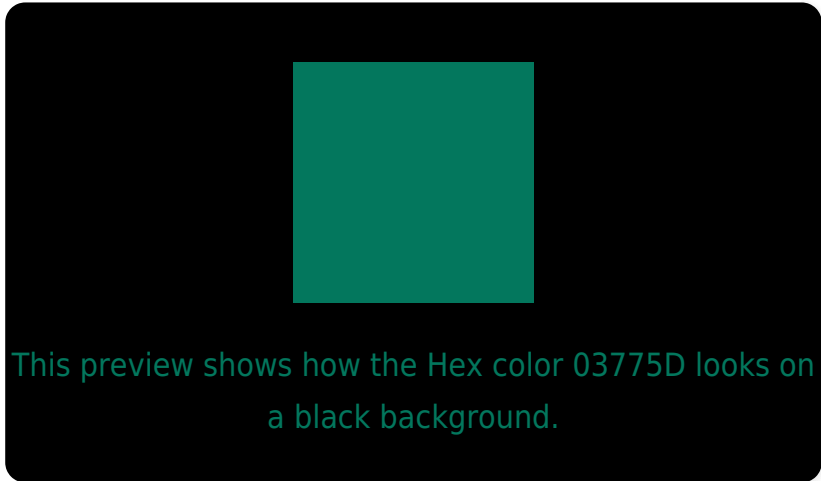
Large Text (above 18pt) WCAG AA ✓ Pass

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

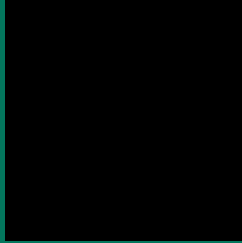
Any Text WCAG AA × Fail

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 03775D Background



This preview shows how black text looks on a background with the Hex color 03775D.



This preview shows how white text looks on a background with the Hex color 03775D.

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
03775D

Protanopia
6E6856

Deuteranopia
756561



Tritanopia
25737C

Trichromacy



Original Color
03775D

Protanomaly
476D59

Deuteranomaly
4C6C60

Tritanomaly
197471

Monochromacy



Original Color
03775D

Achromatopsia
515151

Achromatomaly
355F55

CSS Examples

Text

The CSS property to change the color of the text to Hex 03775D 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 #03775D looks like.

```
.text, #text, p{  
    color:#03775D  
}
```

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 #03775D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03775D
}
```

Border

The CSS property to change the border of an element to Hex 03775D 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
#03775D }
```

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

```
.border{ border-color:#03775D }
```

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

Here you see how a box with a 4 pixel #03775D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03775D; -webkit-box-shadow:4px 4px  
4px 4px #03775D; box-shadow:4px 4px 4px  
4px #03775D }
```

Background

The CSS property to change the background color of an element to Hex 03775D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03775D }
```

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

```
.background{ background-color:#03775D }
```

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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