

Converting Colors

Hex(07744C)

Have a look what the booklet for
Hex(07744C) contains.

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Color

Hex(07744C)

Conversions

Conversions Part 1

Format	Color
Hex	07744C
RGB	7, 116, 76
RGB Percent	3%, 45%, 30%
CMY	0.9725, 0.5451, 0.7020
CMYK	0.94, 0.00, 0.34, 0.55
HSL	158°, 89%, 24%
HSV	158°, 94%, 45%
XYZ	7.6375, 13.0578, 8.9553
YIQ	78.8490, -52.1240, -35.5480

Conversions

Conversions Part 2

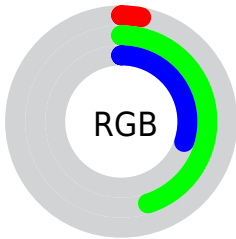
Format	Color
RYB	7, 74, 116
Decimal	488524
CIELab	42.85, -37.90, 14.49
CIELCh	43, 40.577, 159.080
Yxy	13.0578, 0.2576, 0.4404
Android (android.graphics.Color)	4278678604 (0xFF07744C)
YUV	78.8490, -1.4046, -63.0116
Hunter-Lab	36.1355, -25.5098, 10.6012

Details

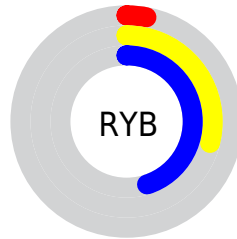
The Hex color **07744C** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **74072F**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **4DA97D**, and **00421F** is the 20% darker color. If you saturate the color by 10%, you get **007449**, and if you desaturate by 10%, it is **137450**.

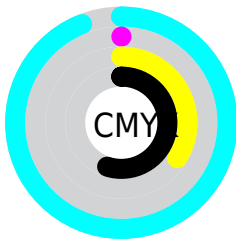
Distribution



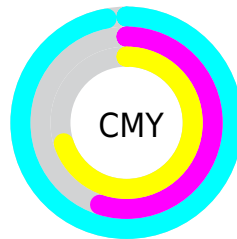
- Red (3%)
- Green (45%)
- Blue (30%)



- Red (3%)
- Yellow (29%)
- Blue (45%)



- Cyan (94%)
- Magenta (0%)
- Yellow (34%)
- Black (55%)



- Cyan (97%)
- Magenta (55%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 07744C 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 07744C by changing the saturation by 10% instead.

 07744C

 07744C

FFFFFF

 005B35

 4DA97D

 00421F

 69C597

 002C09

 85E1B2

 001200

 A1FECD

 000000

 BDFFEA

 DAFFFF

 F7FFFF

 07744C

 07744C

■ 007449

■ 137450

■ 1E7455

■ 2A7459

■ 35745D

■ 417461

■ 4D7466

■ 58746A

■ 64746E

■ 6F7472

Harmonies

Analogous

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



4A6F2E



07744C



00766F

Triad

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



07744C



3965A7



9E4E3D

Complementary

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



07744C



74072F

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.



A3475C



07744C



755899

Square

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



07744C



006FA3



964B7E



8B5B25

Rectangle

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



07744C



007585



964B7E



A14B47

Sweetspot

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



07744C



6C9687



317407



324D43



CCCCCC



4D4D4D

Same Dimension

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



07744C



00965F



076774



353B38



007A4D



00FA9E

Inverse Universe

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



74072F



960037



741407



3B3537



7A002D



FA005C

Previews

White Background



This preview shows how the Hex color 07744C looks on a white background.

Color Contrast Check

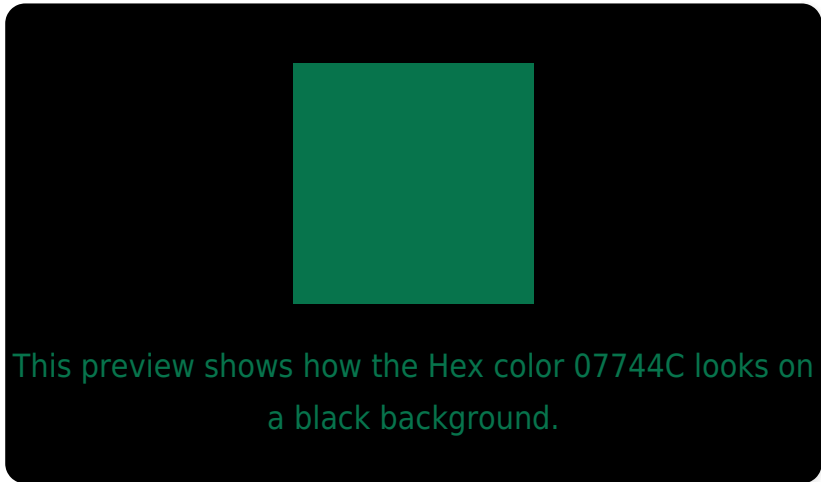
Large Text (above 18pt) WCAG AA ✓ Pass

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

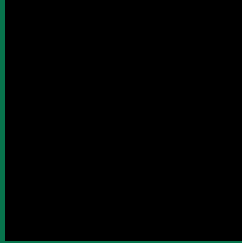
Any Text WCAG AA × Fail

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 07744C Background



This preview shows how black text looks on a background with the Hex color 07744C.



This preview shows how white text looks on a background with the Hex color 07744C.

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
07744C

Protanopia
6D6545

Deuteranopia
766150



Tritanopia
296F78

Trichromacy



Original Color
07744C

Protanomaly
486A48

Deuteranomaly
4E684F

Tritanomaly
1D7168

Monochromacy



Original Color
07744C

Achromatopsia
4F4F4F

Achromatomaly
355C4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 07744C 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 #07744C looks like.

```
.text, #text, p{  
    color:#07744C  
}
```

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 #07744C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07744C
}
```

Border

The CSS property to change the border of an element to Hex 07744C 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
#07744C }
```

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

```
.border{ border-color:#07744C }
```

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

Here you see how a box with a 4 pixel #07744C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07744C; -webkit-box-shadow:4px 4px  
4px 4px #07744C; box-shadow:4px 4px 4px  
4px #07744C }
```

Background

The CSS property to change the background color of an element to Hex 07744C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07744C }
```

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

```
.background{ background-color:#07744C }
```

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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