

# Converting Colors

Hex(10704C)

Have a look what the booklet for  
Hex(10704C) contains.

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# Color

Hex(10704C)

# Conversions

## Conversions Part 1

Format	Color
Hex	10704C
RGB	16, 112, 76
RGB Percent	6%, 44%, 30%
CMY	0.9373, 0.5608, 0.7020
CMYK	0.86, 0.00, 0.32, 0.56
HSL	158°, 75%, 25%
HSV	158°, 86%, 44%
XYZ	7.3124, 12.2203, 8.8108
YIQ	79.1920, -45.6600, -31.5480

# Conversions

## Conversions Part 2

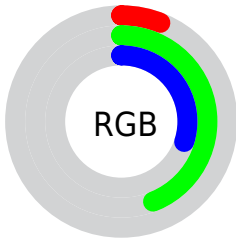
<b>Format</b>	<b>Color</b>
<b>RYB</b>	16, 75, 112
Decimal	1077324
CIELab	41.56, -35.47, 12.74
CIELCh	42, 37.685, 160.238
Yxy	12.2203, 0.2580, 0.4312
Android (android.graphics.Color)	4279267404 (0xFF10704C)
YUV	79.1920, -1.5737, -55.4194
Hunter-Lab	34.9575, -23.8374, 9.5266

# Details

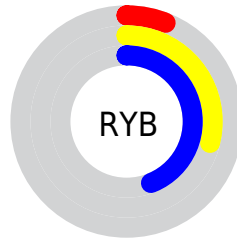
The Hex color **10704C** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **701034**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **4FA57D**, and **003F20** is the 20% darker color. If you saturate the color by 10%, you get **057048**, and if you desaturate by 10%, it is **1B7050**.

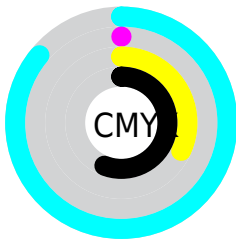
# Distribution



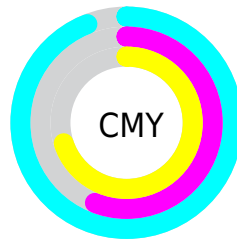
- Red (6%)
- Green (44%)
- Blue (30%)



- Red (6%)
- Yellow (29%)
- Blue (44%)



- Cyan (86%)
- Magenta (0%)
- Yellow (32%)
- Black (56%)



- Cyan (94%)
- Magenta (56%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 10704C 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 10704C by changing the saturation by 10% instead.



 10704C

 10704C

FFFFFF

 005735

 4FA57D

 003F20

 6AC097

 002909

 86DCB2

 000B00

 A2F9CD

 000000

 BEFFE9

 DBFFFF

 F8FFFF

 10704C

 10704C

■ 057048

■ 1B7050

■ 007046

■ 267054

■ 327059

■ 3D705D

■ 487061

■ 537065

■ 5E7069

■ 6A706E

■ 757072

# Harmonies

## Analogous

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



486C31



10704C



00726C

# Triad

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



10704C



3E629F



964E3C

# Complementary

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



10704C



701034

# 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.



9B4759



10704C



725692

# Square

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



10704C



006B9C



904A78



845927

# Rectangle

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



10704C



007180



904A78



9A4A45



# Sweetspot

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



10704C



6C9183



357010



334A41



C9C9C9



4A4A4A



# Same Dimension

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



10704C



00915B



106570



323836



00784B



00F79B



# Inverse Universe

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



701034



910037



701B10



383235



78002D



F7005D



# Previews

## White Background



This preview shows how the Hex color 10704C looks on a white background.

## Color Contrast Check

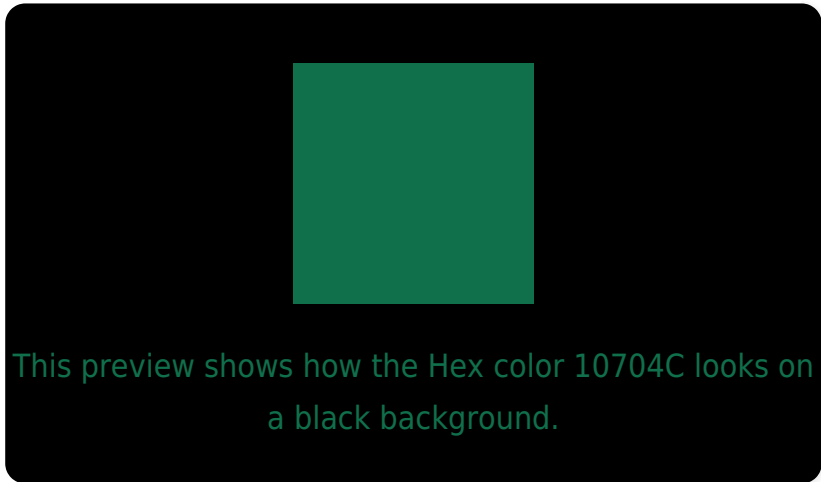
Large Text (above 18pt) WCAG AA ✓ Pass

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

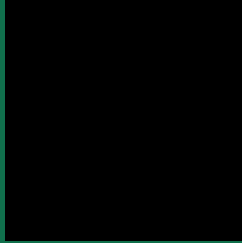
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 10704C Background



This preview shows how black text looks on a background with the Hex color 10704C.



This preview shows how white text looks on a background with the Hex color 10704C.

# 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**  
10704C

**Protanopia**  
696246

**Deuteranopia**  
715E50



**Tritanopia**  
296B74

# Trichromacy



**Original Color**  
10704C

**Protanomaly**  
496748

**Deuteranomaly**  
4E654F

**Tritanomaly**  
206D65

# Monochromacy



**Original Color**  
10704C

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
385B4E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 10704C 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 #10704C looks like.

```
.text, #text, p{  
    color:#10704C  
}
```

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 #10704C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10704C
}
```

## Border

The CSS property to change the border of an element to Hex 10704C 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
#10704C }
```

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

```
.border{ border-color:#10704C }
```

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

Here you see how a box with a 4 pixel #10704C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10704C; -webkit-box-shadow:4px 4px  
4px 4px #10704C; box-shadow:4px 4px 4px  
4px #10704C }
```

# Background

The CSS property to change the background color of an element to Hex 10704C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10704C }
```

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

```
.background{ background-color:#10704C }
```

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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