

Converting Colors

Hex(06713F)

Have a look what the booklet for
Hex(06713F) contains.

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Color

Hex(06713F)

Conversions

Conversions Part 1

Format	Color
Hex	06713F
RGB	6, 113, 63
RGB Percent	2%, 44%, 25%
CMY	0.9765, 0.5569, 0.7529
CMYK	0.95, 0.00, 0.44, 0.56
HSL	152°, 90%, 23%
HSV	152°, 95%, 44%
XYZ	6.8774, 12.2079, 6.6965
YIQ	75.3070, -47.7220, -38.2340

Conversions

Conversions Part 2

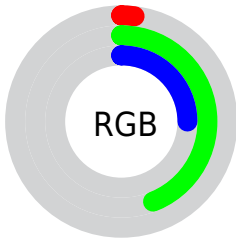
Format	Color
RYB	6, 76, 113
Decimal	422207
CIELab	41.54, -39.68, 20.27
CIELCh	42, 44.561, 152.943
Yxy	12.2079, 0.2668, 0.4735
Android (android.graphics.Color)	4278612287 (0xFF06713F)
YUV	75.3070, -6.0674, -60.7822
Hunter-Lab	34.9397, -26.0091, 13.0944

Details

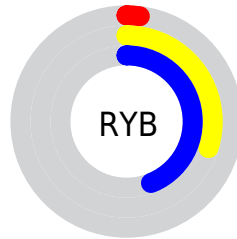
The Hex color **06713F** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **710638**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **4CA66F**, and **004013** is the 20% darker color. If you saturate the color by 10%, you get **00713C**, and if you desaturate by 10%, it is **117144**.

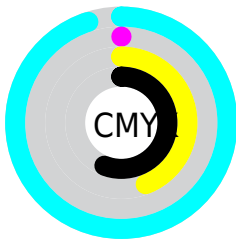
Distribution



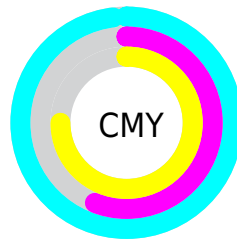
- Red (2%)
- Green (44%)
- Blue (25%)



- Red (2%)
- Yellow (30%)
- Blue (44%)



- Cyan (95%)
- Magenta (0%)
- Yellow (44%)
- Black (56%)



- Cyan (98%)
- Magenta (56%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 06713F 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 06713F by changing the saturation by 10% instead.

 06713F

 06713F

FFFFFF

 005828

 4CA66F

 004013

 67C189

 002A00

 83DEA3

 000B00

 9FFABE

 000000

 BBFFDA

 D8FFF7

 F5FFFF

 06713F

 06713F

■ 00713C

■ 117144

■ 1D714A

■ 28714F

■ 337154

■ 3F7159

■ 4A715F

■ 557164

■ 607169

■ 6C716F

Harmonies

Analogous

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



4C6B1F



06713F



007365

Triad

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



06713F



0065AB



A1453C

Complementary

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



06713F



710638

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.



A33F60



06713F



6757A0

Square

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



06713F



006EA3



914784



8F541F

Rectangle

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



06713F



00737D



914784



A44248

Sweetspot

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



06713F



6A9481



3A7106



314A3E



C9C9C9



4A4A4A

Same Dimension

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



06713F



00944F



066F71



323835



007840



00F784

Inverse Universe

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



710638



940045



710806



383235



780038



F70074

Previews

White Background



This preview shows how the Hex color 06713F looks on a white background.

Color Contrast Check

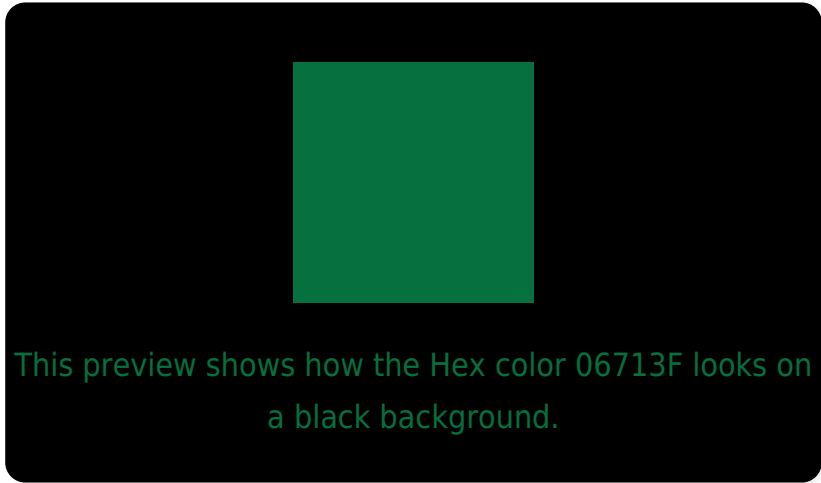
Large Text (above 18pt) WCAG AA ✓ Pass

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 06713F Background



This preview shows how black text looks on a background with the Hex color 06713F.



This preview shows how white text looks on a background with the Hex color 06713F.

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
06713F

Protanopia
6B6239

Deuteranopia
755E44



Tritanopia
2A6B74

Trichromacy



Original Color
06713F



Protanomaly
46673B



Deuteranomaly
4D6542



Tritanomaly
1D6D61

Monochromacy



Original Color
06713F



Achromatopsia
4B4B4B



Achromatomaly
325947

CSS Examples

Text

The CSS property to change the color of the text to Hex 06713F 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 #06713F looks like.

```
.text, #text, p{  
    color:#06713F  
}
```

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 #06713F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06713F
}
```

Border

The CSS property to change the border of an element to Hex 06713F 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
#06713F }
```

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

```
.border{ border-color:#06713F }
```

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

Here you see how a box with a 4 pixel #06713F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06713F; -webkit-box-shadow:4px 4px  
4px 4px #06713F; box-shadow:4px 4px 4px  
4px #06713F }
```

Background

The CSS property to change the background color of an element to Hex 06713F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06713F }
```

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

```
.background{ background-color:#06713F }
```

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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