

Converting Colors

Hex(00734F)

Have a look what the booklet for
Hex(00734F) contains.

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Color

Hex(00734F)

Conversions

Conversions Part 1

Format	Color
Hex	00734F
RGB	0, 115, 79
RGB Percent	0%, 45%, 31%
CMY	1.0000, 0.5490, 0.6902
CMYK	1.00, 0.00, 0.31, 0.55
HSL	161°, 100%, 23%
HSV	161°, 100%, 45%
XYZ	7.5420, 12.8260, 9.4753
YIQ	76.5110, -56.9840, -35.5760

Conversions

Conversions Part 2

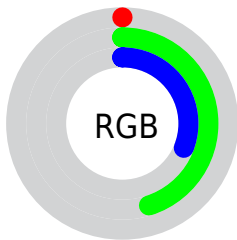
Format	Color
RYB	0, 68, 115
Decimal	29519
CIELab	42.50, -37.30, 12.23
CIELCh	42, 39.251, 161.840
Yxy	12.8260, 0.2527, 0.4298
Android (android.graphics.Color)	4278219599 (0xFF00734F)
YUV	76.5110, 1.2271, -67.1001
Hunter-Lab	35.8134, -25.0827, 9.3828

Details

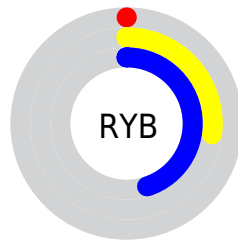
The Hex color **00734F** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **730024**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **4AA880**, and **004222** is the 20% darker color. If you saturate the color by 10%, you get **00734F**, and if you desaturate by 10%, it is **0B7353**.

Distribution



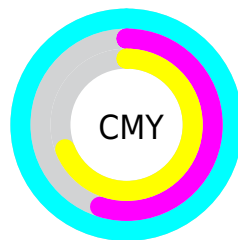
- Red (0%)
- Green (45%)
- Blue (31%)



- Red (0%)
- Yellow (27%)
- Blue (45%)



- Cyan (100%)
- Magenta (0%)
- Yellow (31%)
- Black (55%)



- Cyan (100%)
- Magenta (55%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00734F 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 00734F by changing the saturation by 10% instead.

 00734F

 00734F

FFFFFF

 005A38

 4AA880

 004222

 67C39A

 002B0D

 82E0B5

 001000

 9EFDD1

 000000

 BBFFED

 D8FFFF

 F5FFFF

 00734F

■ 0B7353

■ 177356

■ 23735A

■ 2E735D

■ 3A7361

■ 457365

■ 517368

■ 5C736C

■ 68736F

Harmonies

Analogous

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



476F32



00734F



007471

Triad

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



00734F



4163A4



9A4F3B

Complementary

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



00734F



730024

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.



A04859



00734F



775695

Square

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



00734F



006DA2



954B79



875C25

Rectangle

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



00734F



007486



954B79



9E4C44

Sweetspot

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



00734F



699688



247300



314D44



CCCCCC



4D4D4D

Same Dimension

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



00734F



009667



005E73



353B39



007A54



00FAAC

Inverse Universe

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



730024



96002F



731500



3B3537



7A0026



FA004E

Previews

White Background



This preview shows how the Hex color 00734F looks on a white background.

Color Contrast Check

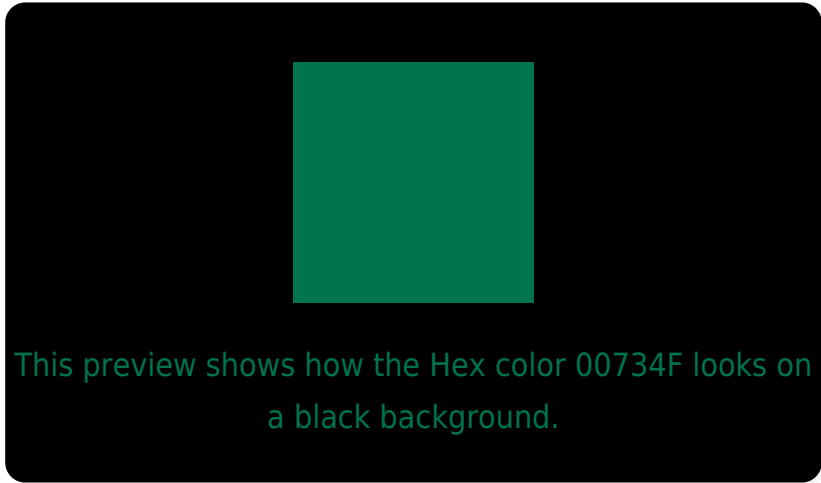
Large Text (above 18pt) WCAG AA ✓ Pass

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

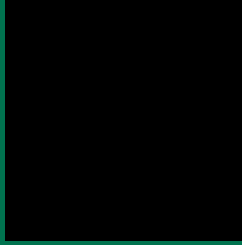
Any Text WCAG AA × Fail

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 00734F Background



This preview shows how black text looks on a background with the Hex color 00734F.



This preview shows how white text looks on a background with the Hex color 00734F.

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
00734F

Protanopia
6C6448

Deuteranopia
746053



Tritanopia
276E77

Trichromacy



Original Color
00734F



Protanomaly
45694B



Deuteranomaly
4A6752



Tritanomaly
197068

Monochromacy



Original Color
00734F



Achromatopsia
4D4D4D



Achromatomaly
315B4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 00734F 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 #00734F looks like.

```
.text, #text, p{  
    color:#00734F  
}
```

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 #00734F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00734F
}
```

Border

The CSS property to change the border of an element to Hex 00734F 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
#00734F }
```

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

```
.border{ border-color:#00734F }
```

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

Here you see how a box with a 4 pixel #00734F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00734F; -webkit-box-shadow:4px 4px  
4px 4px #00734F; box-shadow:4px 4px 4px  
4px #00734F }
```

Background

The CSS property to change the background color of an element to Hex 00734F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00734F }
```

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

```
.background{ background-color:#00734F }
```

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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