

Converting Colors

Hex(00634F)

Have a look what the booklet for
Hex(00634F) contains.

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Color

Hex(00634F)

Conversions

Conversions Part 1

Format	Color
Hex	00634F
RGB	0, 99, 79
RGB Percent	0%, 39%, 31%
CMY	1.0000, 0.6118, 0.6902
CMYK	1.00, 0.00, 0.20, 0.61
HSL	168°, 100%, 19%
HSV	168°, 100%, 39%
XYZ	5.8731, 9.4882, 8.9190
YIQ	67.1190, -52.5840, -27.2080

Conversions

Conversions Part 2

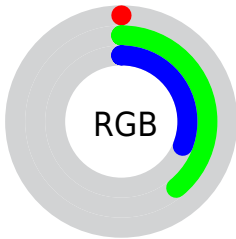
Format	Color
RYB	0, 55, 99
Decimal	25423
CIELab	36.91, -30.38, 4.36
CIELCh	37, 30.689, 171.830
Yxy	9.4882, 0.2419, 0.3908
Android (android.graphics.Color)	4278215503 (0xFF00634F)
YUV	67.1190, 5.8573, -58.8634
Hunter-Lab	30.8029, -19.8709, 4.3946

Details

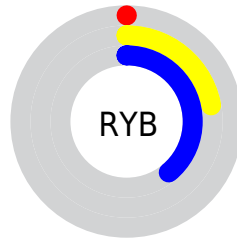
The Hex color **00634F** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **630014**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **469780**, and **003323** is the 20% darker color. If you saturate the color by 10%, you get **00634F**, and if you desaturate by 10%, it is **0A6351**.

Distribution



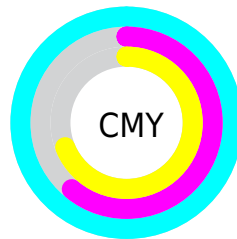
- Red (0%)
- Green (39%)
- Blue (31%)



- Red (0%)
- Yellow (22%)
- Blue (39%)



- Cyan (100%)
- Magenta (0%)
- Yellow (20%)
- Black (61%)




- Cyan (100%)
- Magenta (61%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00634F 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 00634F by changing the saturation by 10% instead.

 00634F

 00634F

FFFFFF

 004B38

 469780

 003323

 61B19A

 00200D

 7CCDB5

 000000

 98EAD0

 B4FFED

 D0FFFF

 EEEFFF

 00634F

 0A6351

 146353

 1E6355

 286357

 326359

 3B635B

 45635D

 4F635F

 596361

Harmonies

Analogous

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



366037



00634F



006368

Triad

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



00634F



4E5385



7D4A31

Complementary

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



00634F



630014

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.



854346



00634F



6F4976

Square

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



00634F



165B87



81435F



6B5325

Rectangle

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



00634F



006277



81435F



814737

Sweetspot

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



00634F



598078



156300



29403B



BFBFBF



404040

Same Dimension

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



00634F



008066



004763



2C302F



00705A



00F0BF

Inverse Universe

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



630014



80001A



631C00



302C2D



700017



F00030

Previews

White Background



This preview shows how the Hex color 00634F looks on a white background.

Color Contrast Check

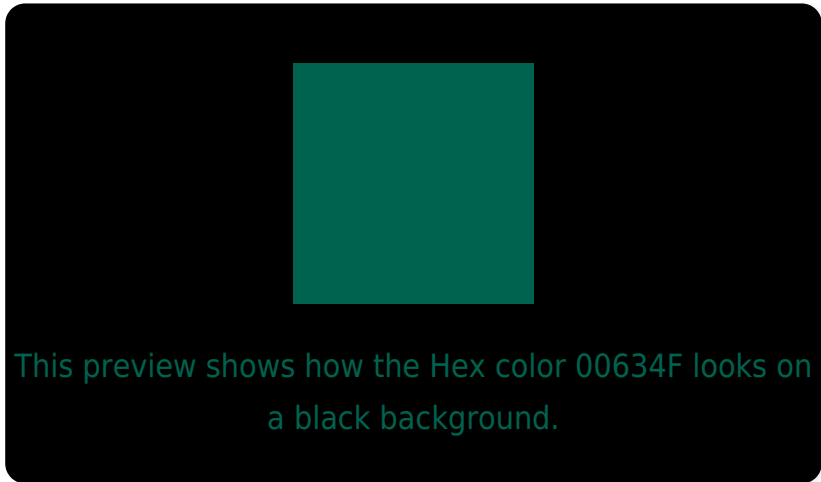
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

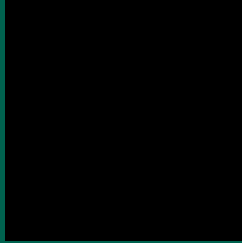
Any Text WCAG AA × Fail

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 00634F Background



This preview shows how black text looks on a background with the Hex color 00634F.



This preview shows how white text looks on a background with the Hex color 00634F.

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
00634F

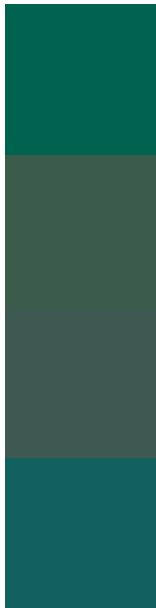
Protanopia
5C5749

Deuteranopia
615452



Tritanopia
1E6067

Trichromacy



Original Color
00634F

Protanomaly
3B5B4B

Deuteranomaly
3E5951

Tritanomaly
13615E

Monochromacy



Original Color
00634F

Achromatopsia
434343

Achromatomaly
2B4F47

CSS Examples

Text

The CSS property to change the color of the text to Hex 00634F 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 #00634F looks like.

```
.text, #text, p{  
    color:#00634F  
}
```

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 #00634F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00634F
}
```

Border

The CSS property to change the border of an element to Hex 00634F 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
#00634F }
```

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

```
.border{ border-color:#00634F }
```

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

Here you see how a box with a 4 pixel #00634F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00634F; -webkit-box-shadow:4px 4px  
4px 4px #00634F; box-shadow:4px 4px 4px  
4px #00634F }
```

Background

The CSS property to change the background color of an element to Hex 00634F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00634F }
```

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

```
.background{ background-color:#00634F }
```

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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