

Converting Colors

Hex(00634E)

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

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Color

Hex(00634E)

Conversions

Conversions Part 1

Format	Color
Hex	00634E
RGB	0, 99, 78
RGB Percent	0%, 39%, 31%
CMY	1.0000, 0.6118, 0.6941
CMYK	1.00, 0.00, 0.21, 0.61
HSL	167°, 100%, 19%
HSV	167°, 100%, 39%
XYZ	5.8370, 9.4737, 8.7287
YIQ	67.0050, -52.2630, -27.5190

Conversions

Conversions Part 2

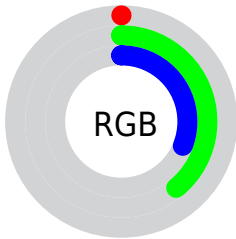
Format	Color
RYB	0, 55, 99
Decimal	25422
CIELab	36.88, -30.67, 4.94
CIELCh	37, 31.063, 170.855
Yxy	9.4737, 0.2428, 0.3941
Android (android.graphics.Color)	4278215502 (0xFF00634E)
YUV	67.0050, 5.4205, -58.7634
Hunter-Lab	30.7794, -20.0134, 4.7316

Details

The Hex color **00634E** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **630015**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **46977F**, and **003322** is the 20% darker color. If you saturate the color by 10%, you get **00634E**, and if you desaturate by 10%, it is **0A6350**.

Distribution



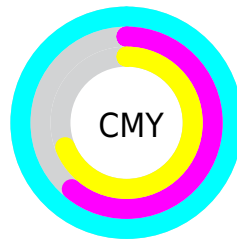
- Red (0%)
- Green (39%)
- Blue (31%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (21%)
- Black (61%)



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

Brightness & Saturation Gradients

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

 00634E

 00634E

FFFFFF

 004B37

 46977F

 003322

 61B199

 00200C

 7CCDB4

 000000

 98EACF

 B4FFEB

 D0FFFF

 EDFFFF

 00634E

 0A6350

 146352

 1E6354

 286356

 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.



376036



00634E



006368

Triad

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



00634E



4C5385



7E4A31

Complementary

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



00634E



630015

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.



864346



00634E



6E4977

Square

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



00634E



0F5C88



814360



6C5324

Rectangle

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



00634E



006277



814360



824737

Sweetspot

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



00634E



598077



156300



29403B



BFBFBF



404040

Same Dimension

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



00634E



008064



004763



2C302F



007058



00F0BD

Inverse Universe

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



630015



80001B



631C00



302C2D



700018



F00033

Previews

White Background



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

Color Contrast Check

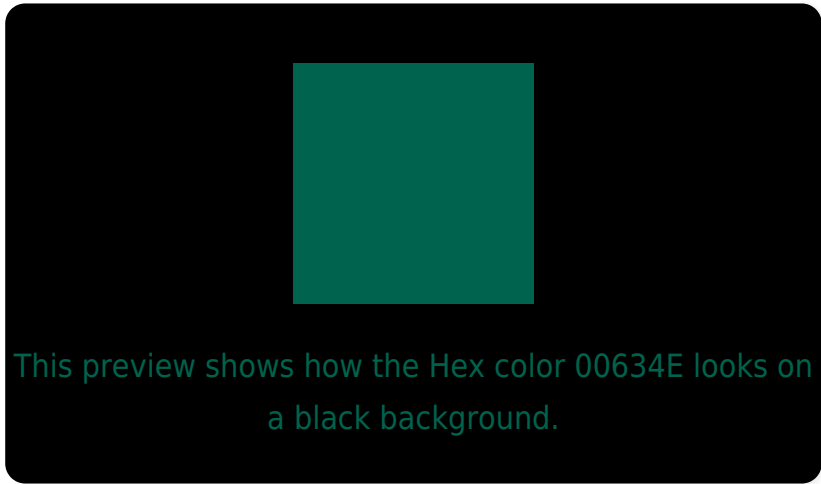
Large Text (above 18pt) WCAG AA ✓ Pass

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 00634E Background



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



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

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
00634E

Protanopia
5C5748

Deuteranopia
615451



Tritanopia
1E6067

Trichromacy



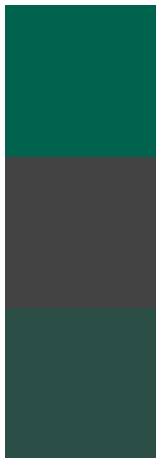
Original Color
00634E

Protanomaly
3B5B4A

Deuteranomaly
3E5950

Tritanomaly
13615E

Monochromacy



Original Color
00634E

Achromatopsia
434343

Achromatomaly
2B4F47

CSS Examples

Text

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

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

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 #00634E colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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