

Converting Colors

Hex(01664E)

Have a look what the booklet for
Hex(01664E) contains.

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Color

Hex(01664E)

Conversions

Conversions Part 1

Format	Color
Hex	01664E
RGB	1, 102, 78
RGB Percent	0%, 40%, 31%
CMY	0.9961, 0.6000, 0.6941
CMYK	0.99, 0.00, 0.24, 0.60
HSL	166°, 98%, 20%
HSV	166°, 99%, 40%
XYZ	6.1390, 10.0593, 8.8258
YIQ	69.0650, -52.4920, -28.8760

Conversions

Conversions Part 2

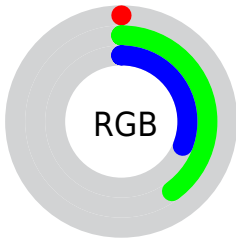
Format	Color
R_{YB}	1, 58, 102
Decimal	91726
CIE _{Lab}	37.95, -31.92, 6.46
CIE _{LCh}	38, 32.572, 168.562
Yxy	10.0593, 0.2453, 0.4020
Android (android.graphics.Color)	4278281806 (0xFF01664E)
YUV	69.0650, 4.4050, -59.6930
Hunter-Lab	31.7163, -20.9530, 5.7026

Details

The Hex color **01664E** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **660119**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **479A7F**, and **003622** is the 20% darker color. If you saturate the color by 10%, you get **00664E**, and if you desaturate by 10%, it is **0B6650**.

Distribution



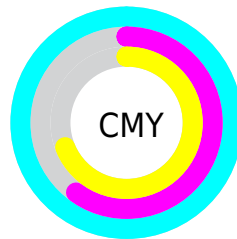
- Red (0%)
- Green (40%)
- Blue (31%)



- Red (0%)
- Yellow (23%)
- Blue (40%)



- Cyan (99%)
- Magenta (0%)
- Yellow (24%)
- Black (60%)





- Cyan (100%)
- Magenta (60%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 01664E 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 01664E by changing the saturation by 10% instead.

 01664E

 01664E

FFFFFF

 004D37

 479A7F

 003622

 62B599

 00220C

 7ED1B4

 000000

 99EDCF

 B5FFEB

 D2FFFF

 EFFFFFF

 01664E

 01664E

■ 00664E

■ 0B6650

■ 156653

■ 206655

■ 2A6658

■ 34665A

■ 3E665D

■ 48665F

■ 536661

■ 5D6664

Harmonies

Analogous

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



3A6335



01664E



006769

Triad

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



01664E



4B568B



834B33

Complementary

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



01664E



660119

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.



8B444A



01664E



704C7C

Square

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



01664E



005F8D



854465



715424

Rectangle

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



01664E



006679



854465



87483A

Sweetspot

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



01664E



5D857B



1A6601



2A423D



C2C2C2



424242

Same Dimension

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



01664E



008565



014D66



2E3332



007357



00F2B9

Inverse Universe

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



660119



850020



661A01



332E2F



73001B



F2003A

Previews

White Background



This preview shows how the Hex color 01664E looks on a white background.

Color Contrast Check

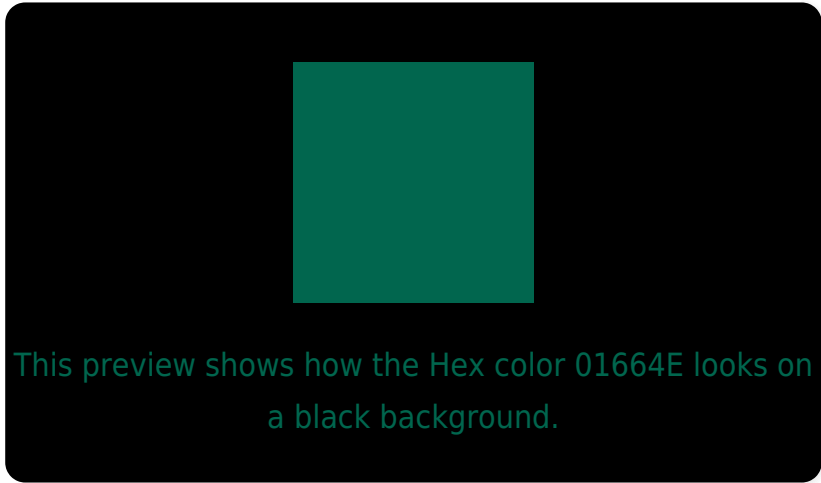
Large Text (above 18pt) WCAG AA ✓ Pass

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

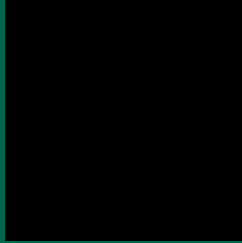
Any Text WCAG AA × Fail

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 01664E Background



This preview shows how black text looks on a background with the Hex color 01664E.

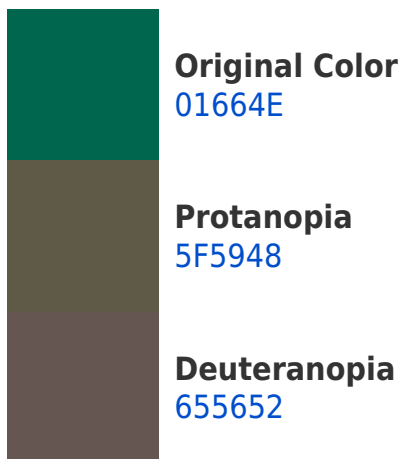



This preview shows how white text looks on a background with the Hex color 01664E.

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





Tritanopia
20626A

Trichromacy



Original Color
01664E

Protanomaly
3D5E4A

Deuteranomaly
415C51

Tritanomaly
156360

Monochromacy



Original Color
01664E

Achromatopsia
454545

Achromatomaly
2C5148

CSS Examples

Text

The CSS property to change the color of the text to Hex 01664E 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 #01664E looks like.

```
.text, #text, p{  
    color:#01664E  
}
```

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 #01664E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01664E
}
```

Border

The CSS property to change the border of an element to Hex 01664E 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
#01664E }
```

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

```
.border{ border-color:#01664E }
```

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

Here you see how a box with a 4 pixel #01664E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01664E; -webkit-box-shadow:4px 4px  
4px 4px #01664E; box-shadow:4px 4px 4px  
4px #01664E }
```

Background

The CSS property to change the background color of an element to Hex 01664E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01664E }
```

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

```
.background{ background-color:#01664E }
```

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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