

# Converting Colors

Hex(064E40)

Have a look what the booklet for  
Hex(064E40) contains.

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# Color

**Hex(064E40)**

# Conversions

## Conversions Part 1

Format	Color
Hex	064E40
RGB	6, 78, 64
RGB Percent	2%, 31%, 25%
CMY	0.9765, 0.6941, 0.7490
CMYK	0.92, 0.00, 0.18, 0.69
HSL	168°, 86%, 16%
HSV	168°, 92%, 31%
XYZ	3.7249, 5.8577, 5.7848
YIQ	54.8760, -38.4180, -19.6180

# Conversions

## Conversions Part 2

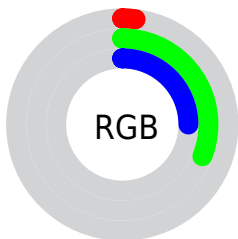
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 46, 78
Decimal	413248
CIELab	29.05, -24.35, 2.49
CIELCh	29, 24.474, 174.168
Yxy	5.8577, 0.2424, 0.3812
Android (android.graphics.Color)	4278603328 (0xFF064E40)
YUV	54.8760, 4.4981, -42.8643
Hunter-Lab	24.2026, -14.8825, 2.7706

# Details

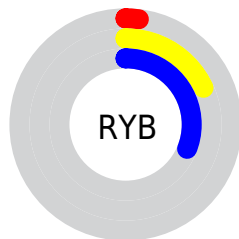
The Hex color **064E40** is a dark color, and the websafe version is hex **006666**, and the color name is **blue-green (color wheel)**. A complement of this color would be **4E0614**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **418070**, and **002216** is the 20% darker color. If you saturate the color by 10%, you get **004E3F**, and if you desaturate by 10%, it is **0E4E42**.

# Distribution



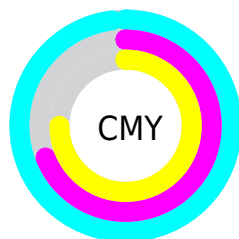
- Red (2%)
- Green (31%)
- Blue (25%)



- Red (2%)
- Yellow (18%)
- Blue (31%)



- Cyan (92%)
- Magenta (0%)
- Yellow (18%)
- Black (69%)



- Cyan (98%)
- Magenta (69%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 064E40 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 064E40 by changing the saturation by 10% instead.



064E40

064E40

FFFFFF

00372A

418070

002216

5B9A89

000000

75B5A3

90D0BE

ABEDDA

C7FFF7

E4FFFF

064E40

064E40

■ 004E3F

■ 0E4E42

■ 164E43

■ 1D4E45

■ 254E46

■ 2D4E48

■ 354E49

■ 3D4E4B

■ 444E4C

■ 4C4E4E

# Harmonies

## Analogous

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



2A4C2E



064E40



004E53

# Triad

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



064E40



404167



613B26

# Complementary

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



064E40



4E0614

# 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.



683636



064E40



583A5B

# Square

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



064E40



1C486A



663549



53421E

# Rectangle

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



064E40



004D5E



663549



64392B



# Sweetspot

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



064E40



496660



144E06



223330



B3B3B3



333333



# Same Dimension

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



064E40



006652



06384E



222626



00E6B9

# Inverse Universe

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



4E0614



660014



4E1C06



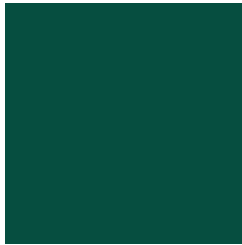
262223



E6002D

# Previews

## White Background



This preview shows how the Hex color 064E40 looks on a white background.

## Color Contrast Check

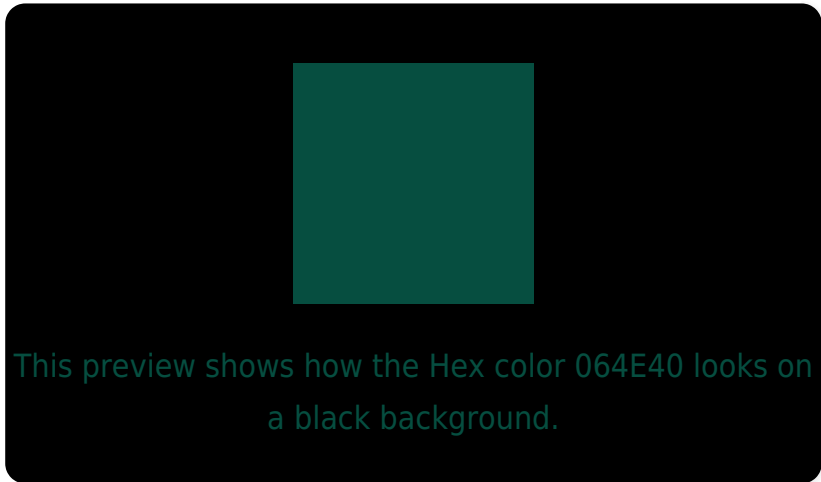
Large Text (above 18pt) WCAG AA ✓ Pass

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 064E40 Background



This preview shows how black text looks on a background with the Hex color 064E40.

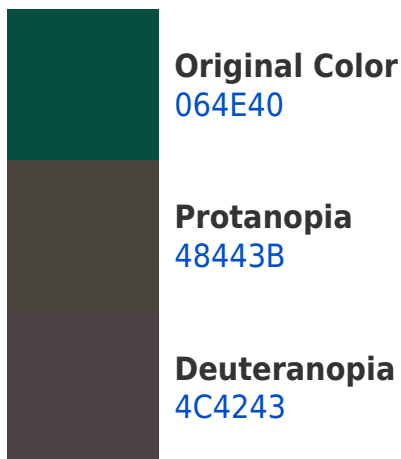


This preview shows how white text looks on a background with the Hex color 064E40.

# 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

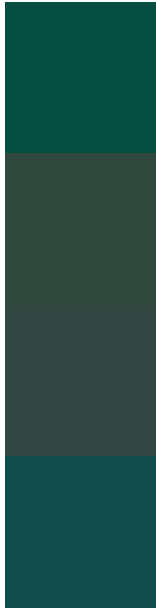






**Tritanopia**  
174C52

# Trichromacy



**Original Color**  
064E40

**Protanomaly**  
30483D

**Deuteranomaly**  
334642

**Tritanomaly**  
114D4B

# Monochromacy



**Original Color**  
064E40

**Achromatopsia**  
373737

**Achromatomaly**  
253F3A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 064E40 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 #064E40 looks like.

```
.text, #text, p{  
    color:#064E40  
}
```

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 #064E40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #064E40
}
```

## Border

The CSS property to change the border of an element to Hex 064E40 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
#064E40 }
```

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

```
.border{ border-color:#064E40 }
```

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

Here you see how a box with a 4 pixel #064E40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #064E40; -webkit-box-shadow:4px 4px  
4px 4px #064E40; box-shadow:4px 4px 4px  
4px #064E40 }
```

# Background

The CSS property to change the background color of an element to Hex 064E40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#064E40 }
```

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

```
.background{ background-color:#064E40 }
```

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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