

Converting Colors

Hex(06584E)

Have a look what the booklet for
Hex(06584E) contains.

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Color

Hex(06584E)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 06584E |
| RGB | 6, 88, 78 |
| RGB Percent | 2%, 35%, 31% |
| CMY | 0.9765, 0.6549, 0.6941 |
| CMYK | 0.93, 0.00, 0.11, 0.65 |
| HSL | 173°, 87%, 18% |
| HSV | 173°, 93%, 35% |
| XYZ | 4.9400, 7.5682, 8.4082 |
| YIQ | 62.3420, -45.6620, -20.4940 |

Conversions

Conversions Part 2

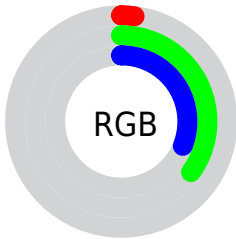
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 6, 50, 88 |
| Decimal | 415822 |
| CIELab | 33.07, -24.90, -0.57 |
| CIELCh | 33, 24.908, 181.311 |
| Yxy | 7.5682, 0.2362, 0.3618 |
| Android (android.graphics.Color) | 4278605902 (0xFF06584E) |
| YUV | 62.3420, 7.7194, -49.4119 |
| Hunter-Lab | 27.5104, -16.0904, 1.1361 |

Details

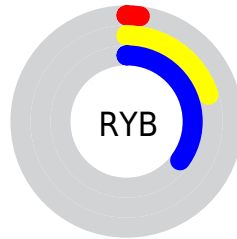
The Hex color **06584E** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **580610**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **458A7F**, and **002A22** is the 20% darker color. If you saturate the color by 10%, you get **00584D**, and if you desaturate by 10%, it is **0F584F**.

Distribution



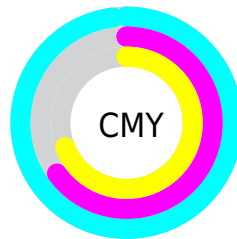
- Red (2%)
- Green (35%)
- Blue (31%)



- Red (2%)
- Yellow (20%)
- Blue (35%)



- Cyan (93%)
- Magenta (0%)
- Yellow (11%)
- Black (65%)



- Cyan (98%)
- Magenta (65%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 06584E 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 06584E by changing the saturation by 10% instead.

 06584E

 06584E

FFFFFF

 004037

 458A7F

 002A22

 60A599

 00130C

 7AC0B4

 000000

 96DCCF

 B1F9EB

 CEFFFF

 EBFFFF

 06584E

 06584E

■ 00584D

■ 0F584F

■ 185850

■ 205851

■ 295852

■ 325853

■ 3B5854

■ 445856

■ 4C5857

■ 555858

Harmonies

Analogous

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



2D563A



06584E



005862

Triad

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



06584E



51486F



69462C

Complementary

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



06584E



580610

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.



72403A



06584E



674161

Square

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



06584E



304F75



723E4E



594D26

Rectangle

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



06584E



00566C



723E4E



6D4430

Sweetspot

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



06584E



53736F



115806



273B38



BABABA



3B3B3B

Same Dimension

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



06584E



007365



063A58



272B2B



006B5E



00EBCE

Inverse Universe

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



580610



73000E



582406



2B2728



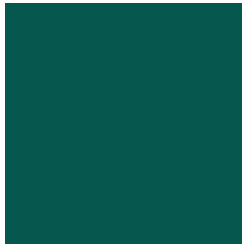
6B000D



EB001D

Previews

White Background



This preview shows how the Hex color 06584E looks on a white background.

Color Contrast Check

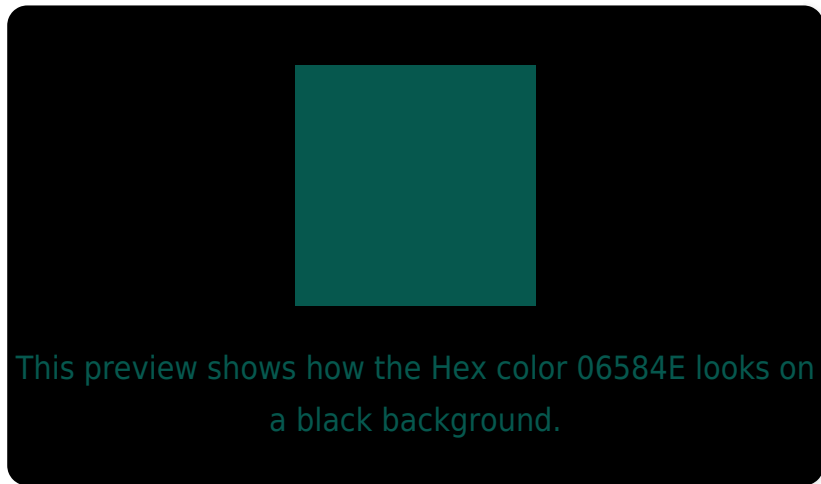
Large Text (above 18pt) WCAG AA ✓ Pass

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

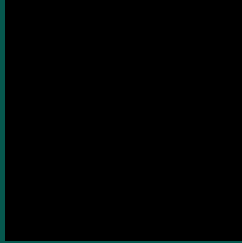
Any Text WCAG AA × Fail

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 06584E Background



This preview shows how black text looks on a background with the Hex color 06584E.

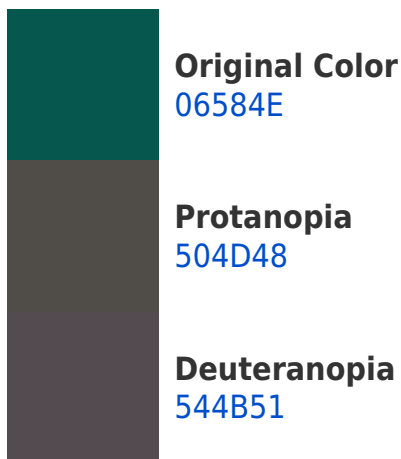



This preview shows how white text looks on a background with the Hex color 06584E.

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](#).

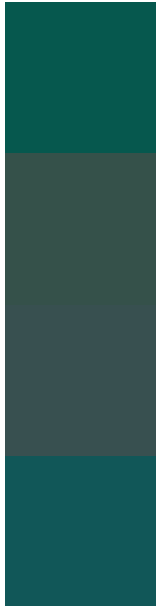
Dichromacy





Tritanopia
18565D

Trichromacy



Original Color
06584E

Protanomaly
35514A

Deuteranomaly
385050

Tritanomaly
115758

Monochromacy



Original Color
06584E

Achromatopsia
3E3E3E

Achromatomaly
2A4744

CSS Examples

Text

The CSS property to change the color of the text to Hex 06584E 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 #06584E looks like.

```
.text, #text, p{  
    color:#06584E  
}
```

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 #06584E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06584E
}
```

Border

The CSS property to change the border of an element to Hex 06584E 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
#06584E }
```

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

```
.border{ border-color:#06584E }
```

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

Here you see how a box with a 4 pixel #06584E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06584E; -webkit-box-shadow:4px 4px  
4px 4px #06584E; box-shadow:4px 4px 4px  
4px #06584E }
```

Background

The CSS property to change the background color of an element to Hex 06584E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06584E }
```

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

```
.background{ background-color:#06584E }
```

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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