

Converting Colors

Hex(03584D)

Have a look what the booklet for
Hex(03584D) contains.

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Color

Hex(03584D)

Conversions

Conversions Part 1

Format	Color
Hex	03584D
RGB	3, 88, 77
RGB Percent	1%, 35%, 30%
CMY	0.9882, 0.6549, 0.6980
CMYK	0.97, 0.00, 0.12, 0.65
HSL	172°, 93%, 18%
HSV	172°, 97%, 35%
XYZ	4.8668, 7.5346, 8.2190
YIQ	61.3310, -47.1290, -21.4410

Conversions

Conversions Part 2

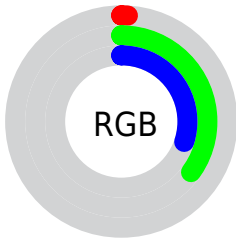
Format	Color
R_{YB}	3, 48, 88
Decimal	219213
CIE _{Lab}	32.99, -25.51, -0.05
CIE _{LCh}	33, 25.513, 180.116
Yxy	7.5346, 0.2360, 0.3654
Android (android.graphics.Color)	4278409293 (0xFF03584D)
YUV	61.3310, 7.7248, -51.1563
Hunter-Lab	27.4493, -16.3877, 1.4616

Details

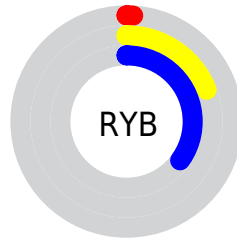
The Hex color **03584D** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **58030E**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **448A7E**, and **002A21** is the 20% darker color. If you saturate the color by 10%, you get **00584D**, and if you desaturate by 10%, it is **0C584E**.

Distribution



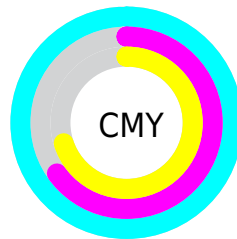
- Red (1%)
- Green (35%)
- Blue (30%)



- Red (1%)
- Yellow (19%)
- Blue (35%)



- Cyan (97%)
- Magenta (0%)
- Yellow (12%)
- Black (65%)



- Cyan (99%)
- Magenta (65%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 03584D 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 03584D by changing the saturation by 10% instead.

 03584D

 03584D

FFFFFF

 004036

 448A7E

 002A21

 5EA598

 00130A

 79C0B2

 000000

 94DCCE

 B0F9EA

 CCFFFF

 E9FFFF

 03584D

 03584D

■ 00584D

■ 0C584E

■ 15584F

■ 1D5850

■ 265852

■ 2F5853

■ 385854

■ 415855

■ 495856

■ 525857

Harmonies

Analogous

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



2C5639



03584D



005861

Triad

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



03584D



4F4870



6A452B

Complementary

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



03584D



58030E

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.



733F3A



03584D



674162

Square

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



03584D



2D5076



733D4E



5A4C25

Rectangle

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



03584D



00566C



733D4E



6E432F

Sweetspot

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



03584D



51736E



0E5803



263B38



BABABA



3B3B3B

Same Dimension

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



03584D



007364



033958



272B2B



006B5D



00EBCC

Inverse Universe

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



58030E



73000F



582203



2B2728



6B000E



EB001E

Previews

White Background



This preview shows how the Hex color 03584D looks on a white background.

Color Contrast Check

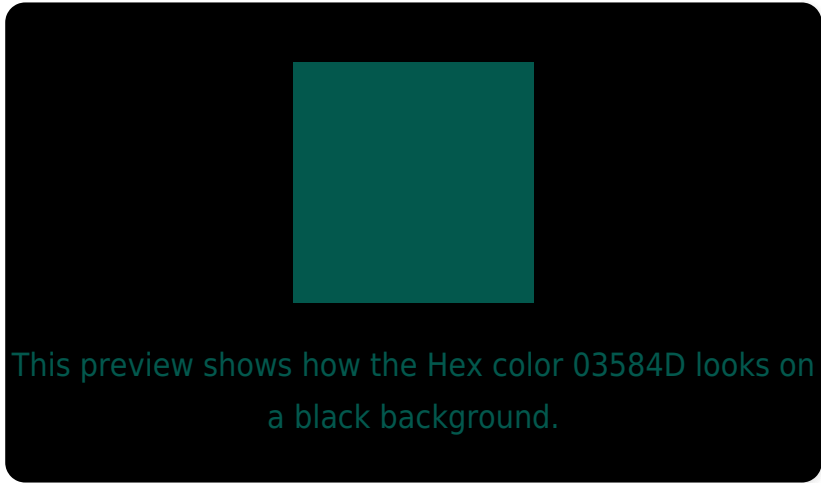
Large Text (above 18pt) WCAG AA ✓ Pass

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

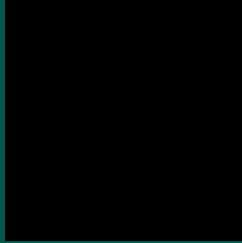
Any Text WCAG AA × Fail

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 03584D Background



This preview shows how black text looks on a background with the Hex color 03584D.



This preview shows how white text looks on a background with the Hex color 03584D.

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
03584D

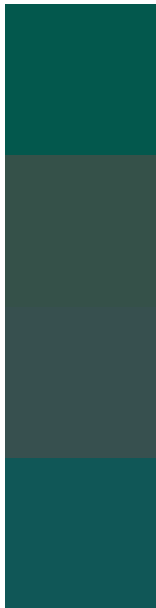
Protanopia
514D47

Deuteranopia
544B50



Tritanopia
18565D

Trichromacy



Original Color
03584D

Protanomaly
355149

Deuteranomaly
37504F

Tritanomaly
105757

Monochromacy



Original Color
03584D

Achromatopsia
3D3D3D

Achromatomaly
284743

CSS Examples

Text

The CSS property to change the color of the text to Hex 03584D 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 #03584D looks like.

```
.text, #text, p{  
    color:#03584D  
}
```

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 #03584D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03584D
}
```

Border

The CSS property to change the border of an element to Hex 03584D 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".

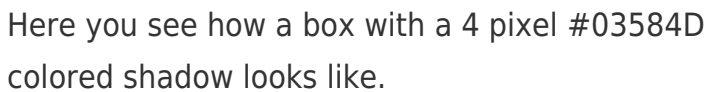
```
.border, #border, table{ border:4px solid
#03584D }
```

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

```
.border{ border-color:#03584D }
```

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

Here you see how a box with a 4 pixel #03584D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03584D; -webkit-box-shadow:4px 4px  
4px 4px #03584D; box-shadow:4px 4px 4px  
4px #03584D }
```

Background

The CSS property to change the background color of an element to Hex 03584D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03584D }
```

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

```
.background{ background-color:#03584D }
```

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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