

Converting Colors

Hex(03405F)

Have a look what the booklet for
Hex(03405F) contains.

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Color

Hex(03405F)

Conversions

Conversions Part 1

Format	Color
Hex	03405F
RGB	3, 64, 95
RGB Percent	1%, 25%, 37%
CMY	0.9882, 0.7490, 0.6275
CMYK	0.97, 0.33, 0.00, 0.63
HSL	200°, 94%, 19%
HSV	200°, 97%, 37%
XYZ	3.9365, 4.5124, 11.4900
YIQ	49.2950, -46.3070, -3.2910

Conversions

Conversions Part 2

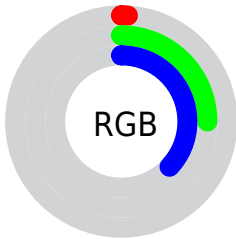
Format	Color
R _Y B	3, 40, 95
Decimal	213087
CIE Lab	25.30, -5.01, -23.31
CIE LCh	25, 23.842, 257.857
Yxy	4.5124, 0.1974, 0.2263
Android (android.graphics.Color)	4278403167 (0xFF03405F)
YUV	49.2950, 22.5326, -40.6007
Hunter-Lab	21.2423, -4.0955, -17.2003

Details

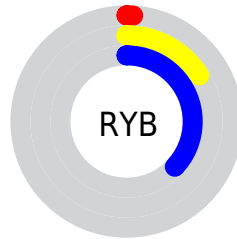
The Hex color **03405F** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5F2203**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **437092**, and **001631** is the 20% darker color. If you saturate the color by 10%, you get **003F5F**, and if you desaturate by 10%, it is **0D435F**.

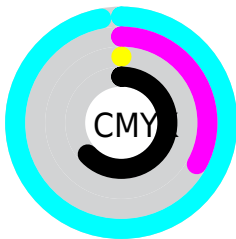
Distribution



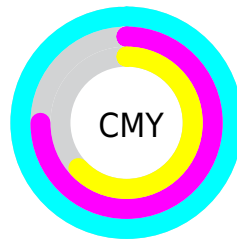
- Red (1%)
- Green (25%)
- Blue (37%)



- Red (1%)
- Yellow (16%)
- Blue (37%)



- Cyan (97%)
- Magenta (33%)
- Yellow (0%)
- Black (63%)



- Cyan (99%)
- Magenta (75%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 03405F 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 03405F by changing the saturation by 10% instead.

03405F

03405F

FFFFFF

002A47

437092

001631

5E89AC

00011B

79A3C8

000000

94BEE4

AFDAFF

CCF6FF

E9FFFF

03405F

03405F

■ 003F5F

■ 0D435F

■ 16465F

■ 204A5F

■ 294D5F

■ 33505F

■ 3C535F

■ 46565F

■ 4F5A5F

■ 595D5F

Harmonies

Analogous

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



004456



03405F



313A5E

Triad

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



03405F



5E2D32



284223

Complementary

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



03405F



5F2203

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.



3C3E18



03405F



593222

Square

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



03405F



5A2E44



4D3818



074534

Rectangle

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



03405F



443559



4D3818



2F411E

Sweetspot

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



03405F



576E7A



035F22



28363D



BDBDBD



3D3D3D

Same Dimension

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



03405F



00517A



03125F



2C2F30



004A70



009FF0

Inverse Universe

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



5F0340



7A0051



5F5003



302C2F



70004A



F0009F

Previews

White Background



This preview shows how the Hex color 03405F looks on a white background.

Color Contrast Check

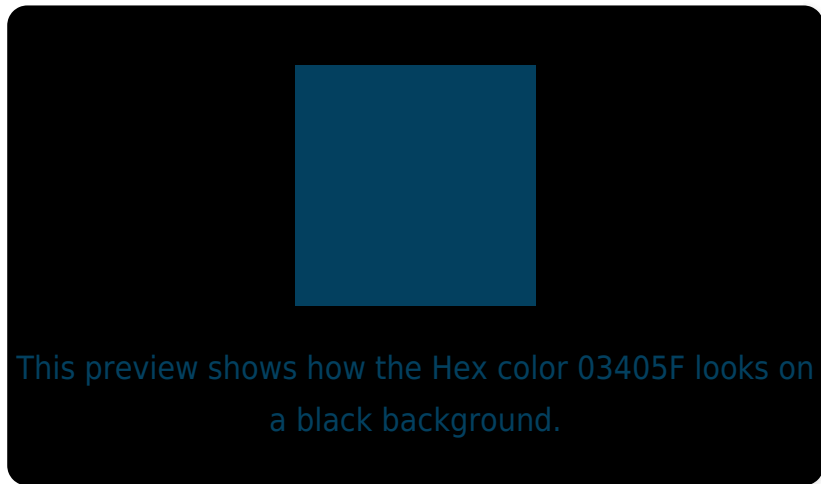
Large Text (above 18pt) WCAG AA ✓ Pass

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

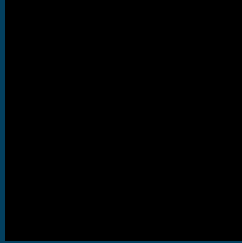
Any Text WCAG AA × Fail

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 03405F Background



This preview shows how black text looks on a background with the Hex color 03405F.



This preview shows how white text looks on a background with the Hex color 03405F.

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
03405F

Protanopia
313B5B

Deuteranopia
283C60

Trichromacy



Original Color
03405F

Protanomaly
203D5C

Deuteranomaly
1B3D60

Tritanomaly
014250

Monochromacy



Original Color
03405F

Achromatopsia
313131

Achromatomaly
203642

CSS Examples

Text

The CSS property to change the color of the text to Hex 03405F 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 #03405F looks like.

```
.text, #text, p{  
    color:#03405F  
}
```

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 #03405F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03405F
}
```

Border

The CSS property to change the border of an element to Hex 03405F 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
#03405F }
```

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

```
.border{ border-color:#03405F }
```

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

Here you see how a box with a 4 pixel #03405F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03405F; -webkit-box-shadow:4px 4px  
4px 4px #03405F; box-shadow:4px 4px 4px  
4px #03405F }
```

Background

The CSS property to change the background color of an element to Hex 03405F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03405F }
```

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

```
.background{ background-color:#03405F }
```

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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