

Converting Colors

Hex(08405E)

Have a look what the booklet for
Hex(08405E) contains.

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Color

Hex(08405E)

Conversions

Conversions Part 1

Format	Color
Hex	08405E
RGB	8, 64, 94
RGB Percent	3%, 25%, 37%
CMY	0.9686, 0.7490, 0.6314
CMYK	0.91, 0.32, 0.00, 0.63
HSL	201°, 84%, 20%
HSV	201°, 91%, 37%
XYZ	3.9539, 4.5266, 11.2550
YIQ	50.6760, -43.0060, -2.5420

Conversions

Conversions Part 2

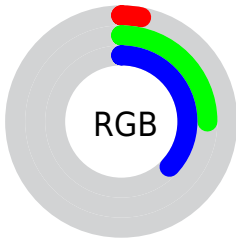
Format	Color
R_{YB}	8, 42, 94
Decimal	540766
CIE _{Lab}	25.34, -4.95, -22.58
CIE _{LCh}	25, 23.120, 257.646
Yxy	4.5266, 0.2003, 0.2294
Android (android.graphics.Color)	4278730846 (0xFF08405E)
YUV	50.6760, 21.3587, -37.4269
Hunter-Lab	21.2757, -4.0598, -16.4718

Details

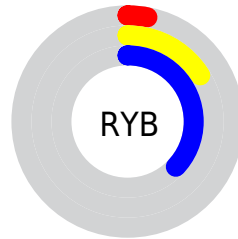
The Hex color **08405E** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5E2608**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **457091**, and **001630** is the 20% darker color. If you saturate the color by 10%, you get **003D5E**, and if you desaturate by 10%, it is **11435E**.

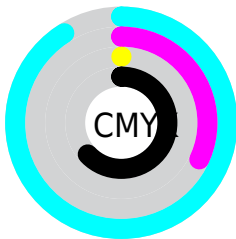
Distribution



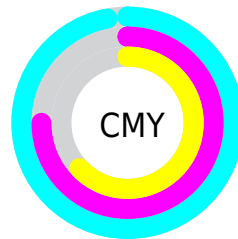
- Red (3%)
- Green (25%)
- Blue (37%)



- Red (3%)
- Yellow (16%)
- Blue (37%)



- Cyan (91%)
- Magenta (32%)
- Yellow (0%)
- Black (63%)



- Cyan (97%)
- Magenta (75%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 08405E 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 08405E by changing the saturation by 10% instead.

08405E

08405E

FFFFFF

002A46

457091

001630

5F89AB

00011B

7AA3C7

000000

95BEE3

B1DAFF

CDF6FF

EAEFFF

08405E

08405E

■ 003D5E

■ 11435E

■ 1B475E

■ 244A5E

■ 2E4D5E

■ 37505E

■ 40545E

■ 4A575E

■ 535A5E

■ 5D5E5E

Harmonies

Analogous

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



004455



08405E



323A5D

Triad

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



08405E



5D2E32



294224

Complementary

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



08405E



5E2608

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.



3D3E1A



08405E



593223

Square

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



08405E



592E44



4D3919



0B4534

Rectangle

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



08405E



433658



4D3919



30411F

Sweetspot

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



08405E



596F7A



085E25



2A363D



BDBDBD



3D3D3D

Same Dimension

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



08405E



00507A



08165E



292C2E



00476E



009AED

Inverse Universe

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



5E0840



7A0050



5E5008



2E292C



6E0047



ED009A

Previews

White Background



This preview shows how the Hex color 08405E looks on a white background.

Color Contrast Check

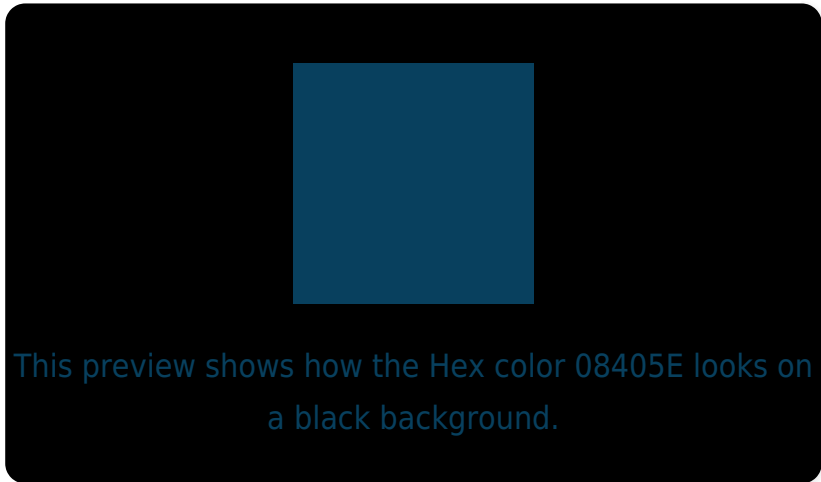
Large Text (above 18pt) WCAG AA ✓ Pass

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

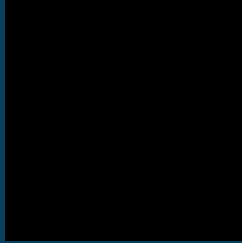
Any Text WCAG AA × Fail

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 08405E Background



This preview shows how black text looks on a background with the Hex color 08405E.



This preview shows how white text looks on a background with the Hex color 08405E.

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
08405E

Protanopia
323B5A

Deuteranopia
293C5F

Trichromacy



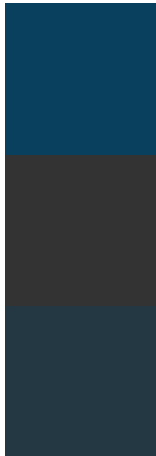
Original Color
08405E

Protanomaly
233D5B

Deuteranomaly
1D3D5F

Tritanomaly
034250

Monochromacy



Original Color
08405E

Achromatopsia
333333

Achromatomaly
233843

CSS Examples

Text

The CSS property to change the color of the text to Hex 08405E 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 #08405E looks like.

```
.text, #text, p{  
    color:#08405E  
}
```

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 #08405E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #08405E
}
```

Border

The CSS property to change the border of an element to Hex 08405E 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
#08405E }
```

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

```
.border{ border-color:#08405E }
```

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

Here you see how a box with a 4 pixel #08405E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #08405E; -webkit-box-shadow:4px 4px  
4px 4px #08405E; box-shadow:4px 4px 4px  
4px #08405E }
```

Background

The CSS property to change the background color of an element to Hex 08405E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#08405E }
```

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

```
.background{ background-color:#08405E }
```

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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