

Converting Colors

Hex(08304E)

Have a look what the booklet for
Hex(08304E) contains.

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Color

Hex(08304E)

Conversions

Conversions Part 1

Format	Color
Hex	08304E
RGB	8, 48, 78
RGB Percent	3%, 19%, 31%
CMY	0.9686, 0.8118, 0.6941
CMYK	0.90, 0.38, 0.00, 0.69
HSL	206°, 81%, 17%
HSV	206°, 90%, 31%
XYZ	2.5322, 2.7156, 7.5984
YIQ	39.4600, -33.4700, 0.8500

Conversions

Conversions Part 2

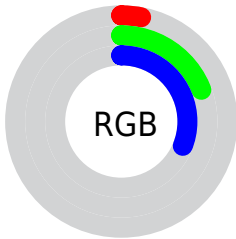
Format	Color
RYB	8, 33, 78
Decimal	536654
CIELab	18.87, -0.95, -22.23
CIELCh	19, 22.247, 267.542
Yxy	2.7156, 0.1971, 0.2114
Android (android.graphics.Color)	4278726734 (0xFF08304E)
YUV	39.4600, 19.0002, -27.5904
Hunter-Lab	16.4790, -1.4093, -15.8031

Details

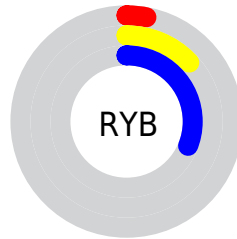
The Hex color **08304E** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4E2608**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **405E7F**, and **000222** is the 20% darker color. If you saturate the color by 10%, you get **002D4E**, and if you desaturate by 10%, it is **10334E**.

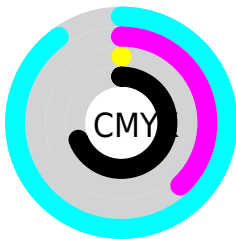
Distribution



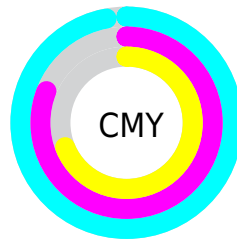
- Red (3%)
- Green (19%)
- Blue (31%)



- Red (3%)
- Yellow (13%)
- Blue (31%)



- Cyan (90%)
- Magenta (38%)
- Yellow (0%)
- Black (69%)



- Cyan (97%)
- Magenta (81%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 08304E 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 08304E by changing the saturation by 10% instead.

08304E

08304E

FFFFFF

001B37

405E7F

000222

597699

000007

7390B4

000000

8EAAD0

A9C6EC

C5E2FF

E1FEFF

08304E

08304E

■ 002D4E

■ 10334E

■ 18374E

■ 1F3A4E

■ 273D4E

■ 2F414E

■ 37444E

■ 3F474E

■ 464B4E

■ 4E4E4E

Harmonies

Analogous

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



003449



08304E



2D2A4B

Triad

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



08304E



4B2120



13341C

Complementary

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



08304E



4E2608

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.



283110



08304E



452713

Square

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



08304E



4A2030



382D0C



00362C

Rectangle

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



08304E



3B2644



382D0C



1B3417

Sweetspot

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



08304E



4A5A66



084E25



232C33



B3B3B3



333333

Same Dimension

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



08304E



003A66



080E4E



222526



0083E6

Inverse Universe

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



4E0830



66003A



4E4808



262225



E60083

Previews

White Background



This preview shows how the Hex color 08304E looks on a white background.

Color Contrast Check

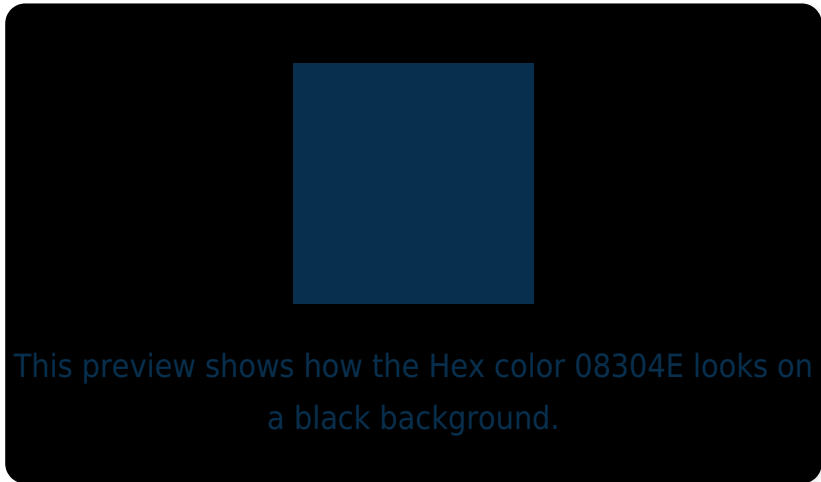
Large Text (above 18pt) WCAG AA ✓ Pass

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

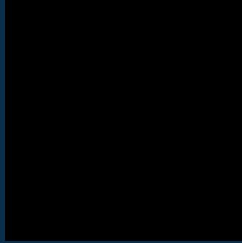
Any Text WCAG AA × Fail

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 08304E Background



This preview shows how black text looks on a background with the Hex color 08304E.



This preview shows how white text looks on a background with the Hex color 08304E.

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
08304E

Protanopia
222D4B

Deuteranopia
172F4E

Trichromacy



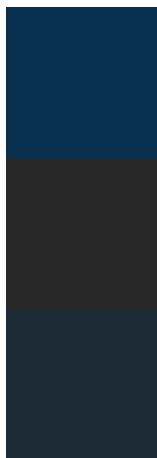
Original Color
08304E

Protanomaly
192E4C

Deuteranomaly
122F4E

Tritanomaly
03323F

Monochromacy



Original Color
08304E

Achromatopsia
272727

Achromatomaly
1C2A35

CSS Examples

Text

The CSS property to change the color of the text to Hex 08304E 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 #08304E looks like.

```
.text, #text, p{  
    color:#08304E  
}
```

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 #08304E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #08304E
}
```

Border

The CSS property to change the border of an element to Hex 08304E is called "border". The border property can be set on classes, ids or directly on the HTML element.

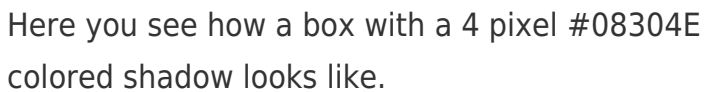
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#08304E }
```

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

```
.border{ border-color:#08304E }
```

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



Here you see how a box with a 4 pixel #08304E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #08304E; -webkit-box-shadow:4px 4px  
4px 4px #08304E; box-shadow:4px 4px 4px  
4px #08304E }
```

Background

The CSS property to change the background color of an element to Hex 08304E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#08304E }
```

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

```
.background{ background-color:#08304E }
```

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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