

Converting Colors

Hex(08334F)

Have a look what the booklet for
Hex(08334F) contains.

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Color

Hex(08334F)

Conversions

Conversions Part 1

Format	Color
Hex	08334F
RGB	8, 51, 79
RGB Percent	3%, 20%, 31%
CMY	0.9686, 0.8000, 0.6902
CMYK	0.90, 0.35, 0.00, 0.69
HSL	204°, 82%, 17%
HSV	204°, 90%, 31%
XYZ	2.6952, 2.9838, 7.8310
YIQ	41.3350, -34.6160, -0.4080

Conversions

Conversions Part 2

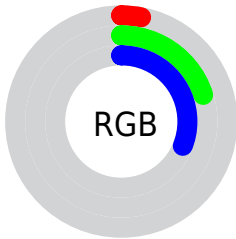
Format	Color
R_{YB}	8, 35, 79
Decimal	537423
CIE _{Lab}	19.98, -2.61, -21.14
CIE _{LCh}	20, 21.301, 262.964
Yxy	2.9838, 0.1995, 0.2209
Android (android.graphics.Color)	4278727503 (0xFF08334F)
YUV	41.3350, 18.5688, -29.2348
Hunter-Lab	17.2737, -2.3771, -14.7876

Details

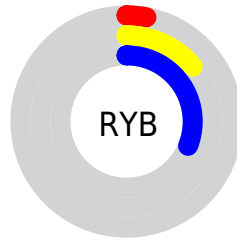
The Hex color **08334F** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4F2408**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **406180**, and **000223** is the 20% darker color. If you saturate the color by 10%, you get **00304F**, and if you desaturate by 10%, it is **10364F**.

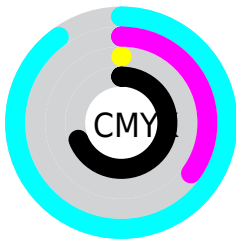
Distribution



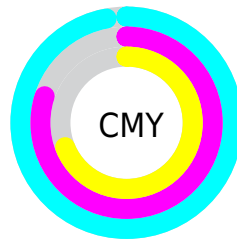
- Red (3%)
- Green (20%)
- Blue (31%)



- Red (3%)
- Yellow (14%)
- Blue (31%)



- Cyan (90%)
- Magenta (35%)
- Yellow (0%)
- Black (69%)



- Cyan (97%)
- Magenta (80%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 08334F 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 08334F by changing the saturation by 10% instead.

08334F

08334F

FFFFFF

001E38

406180

000223

5A7A9A

000009

7494B5

000000

8EAED1

AACAED

C6E6FF

E2FFFF

08334F

08334F

■ 00304F

■ 10364F

■ 18394F

■ 203C4F

■ 283F4F

■ 30434F

■ 37464F

■ 3F494F

■ 474C4F

■ 4F4F4F

Harmonies

Analogous

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



003749



08334F



2C2E4D

Triad

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



08334F



4D2425



1B361D

Complementary

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



08334F



4F2408

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.



2E3312



08334F



482818

Square

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



08334F



4B2335



3D2E11



00382C

Rectangle

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



08334F



3A2A47



3D2E11



223519

Sweetspot

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



08334F



4A5B66



084F23



232D33



B3B3B3



333333

Same Dimension

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



08334F



003E66



08104F



222526



008BE6

Inverse Universe

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



4F0833



66003E



4F4708



262225



E6008B

Previews

White Background



This preview shows how the Hex color 08334F looks on a white background.

Color Contrast Check

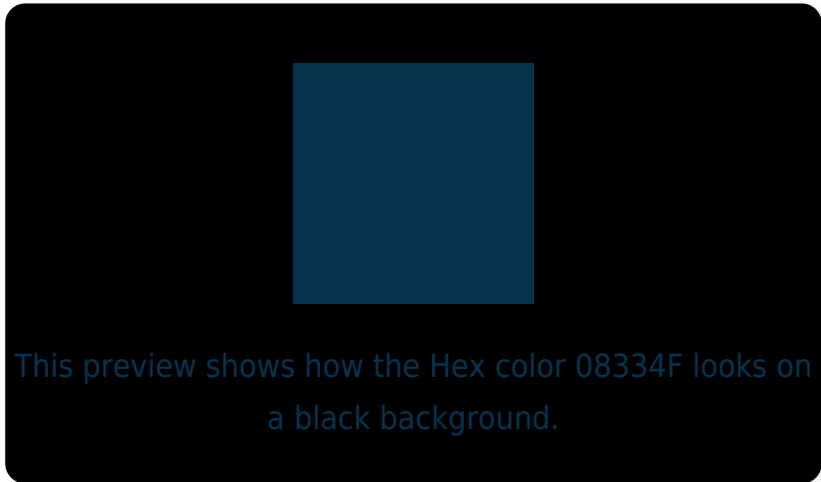
Large Text (above 18pt) WCAG AA ✓ Pass

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

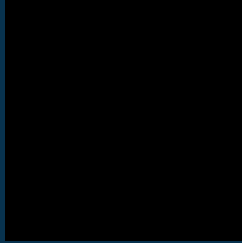
Any Text WCAG AA × Fail

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 08334F Background



This preview shows how black text looks on a background with the Hex color 08334F.



This preview shows how white text looks on a background with the Hex color 08334F.

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
08334F

Protanopia
26304C

Deuteranopia
1D3150



Tritanopia
00363A

Trichromacy



Original Color
08334F

Protanomaly
1B314D

Deuteranomaly
153250

Tritanomaly
033542

Monochromacy



Original Color
08334F

Achromatopsia
292929

Achromatomaly
1D2D37

CSS Examples

Text

The CSS property to change the color of the text to Hex 08334F 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 #08334F looks like.

```
.text, #text, p{  
    color:#08334F  
}
```

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 #08334F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #08334F
}
```

Border

The CSS property to change the border of an element to Hex 08334F 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".

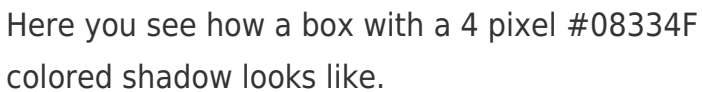
```
.border, #border, table{ border:4px solid
#08334F }
```

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

```
.border{ border-color:#08334F }
```

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

Here you see how a box with a 4 pixel #08334F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #08334F; -webkit-box-shadow:4px 4px  
4px 4px #08334F; box-shadow:4px 4px 4px  
4px #08334F }
```

Background

The CSS property to change the background color of an element to Hex 08334F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#08334F }
```

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

```
.background{ background-color:#08334F }
```

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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