

Converting Colors

Hex(08233F)

Have a look what the booklet for
Hex(08233F) contains.

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Color

Hex(08233F)

Conversions

Conversions Part 1

Format	Color
Hex	08233F
RGB	8, 35, 63
RGB Percent	3%, 14%, 25%
CMY	0.9686, 0.8627, 0.7529
CMYK	0.87, 0.44, 0.00, 0.75
HSL	211°, 77%, 14%
HSV	211°, 87%, 25%
XYZ	1.5984, 1.6126, 4.9296
YIQ	30.1190, -25.0800, 2.9840

Conversions

Conversions Part 2

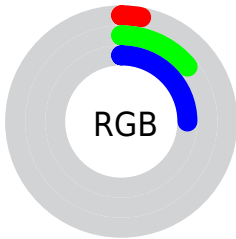
Format	Color
R_{YB}	8, 26, 63
Decimal	533311
CIE _{Lab}	13.31, 1.78, -20.75
CIE _{LCh}	13, 20.830, 274.900
Yxy	1.6126, 0.1963, 0.1981
Android (android.graphics.Color)	4278723391 (0xFF08233F)
YUV	30.1190, 16.2103, -19.3984
Hunter-Lab	12.6987, 0.2449, -14.1273

Details

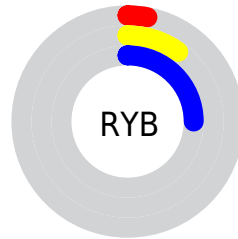
The Hex color **08233F** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **3F2408**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **3B4F6F**, and **000114** is the 20% darker color. If you saturate the color by 10%, you get **02203F**, and if you desaturate by 10%, it is **0E263F**.

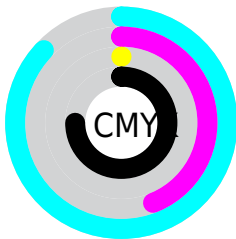
Distribution



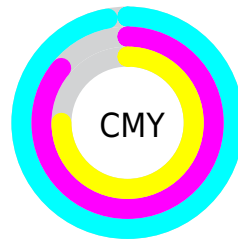
- Red (3%)
- Green (14%)
- Blue (25%)



- Red (3%)
- Yellow (10%)
- Blue (25%)



- Cyan (87%)
- Magenta (44%)
- Yellow (0%)
- Black (75%)



- Cyan (97%)
- Magenta (86%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 08233F 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 08233F by changing the saturation by 10% instead.

08233F

08233F

F6FFFF

000D29

3B4F6F

000114

546788

000000

6D80A3

879ABE

A2B5DA

BED0F6

DAECFF

08233F

08233F

■ 02203F

■ 0E263F

■ 001F3F

■ 15293F

■ 1B2D3F

■ 21303F

■ 28333F

■ 2E363F

■ 34393F

■ 3A3D3F

■ 41403F

Harmonies

Analogous

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



00273C



08233F



261D3A

Triad

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



08233F



3B1712



032815

Complementary

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



08233F



3F2408

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.



1A2606



08233F



341D03

Square

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



08233F



3C1520



292200



002924

Rectangle

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



08233F



311933



292200



0C2810

Sweetspot

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



08233F



3C4752



083F24



1C2229



A8A8A8



292929

Same Dimension

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



08233F



002852



08083F



1C1D1F



002E5E



006DDE

Inverse Universe

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



3F0823



520028



3F3F08



1F1C1D



5E002E



DE006D

Previews

White Background



This preview shows how the Hex color 08233F looks on a white background.

Color Contrast Check

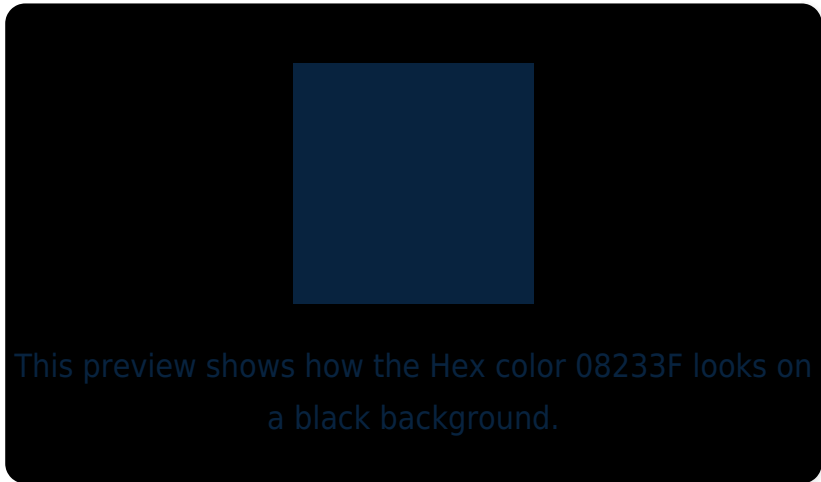
Large Text (above 18pt) WCAG AA ✓ Pass

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

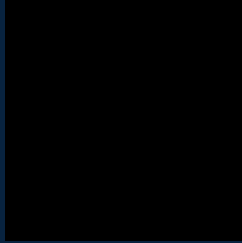
Any Text WCAG AA × Fail

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 08233F Background



This preview shows how black text looks on a background with the Hex color 08233F.



This preview shows how white text looks on a background with the Hex color 08233F.

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
08233F

Protanopia
15223E

Deuteranopia
00233F

Trichromacy



Original Color
08233F

Protanomaly
10223E

Deuteranomaly
03233F

Tritanomaly
032631

Monochromacy



Original Color
08233F

Achromatopsia
1E1E1E

Achromatomaly
16202A

CSS Examples

Text

The CSS property to change the color of the text to Hex 08233F 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 #08233F looks like.

```
.text, #text, p{  
    color:#08233F  
}
```

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 #08233F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #08233F
}
```

Border

The CSS property to change the border of an element to Hex 08233F is called "border". The border property can be set on classes, ids or directly on the HTML element.

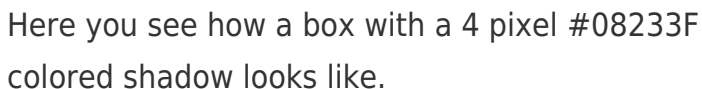
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#08233F }
```

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

```
.border{ border-color:#08233F }
```

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



Here you see how a box with a 4 pixel #08233F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #08233F; -webkit-box-shadow:4px 4px  
4px 4px #08233F; box-shadow:4px 4px 4px  
4px #08233F }
```

Background

The CSS property to change the background color of an element to Hex 08233F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#08233F }
```

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

```
.background{ background-color:#08233F }
```

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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