

Converting Colors

Hex(08133B)

Have a look what the booklet for
Hex(08133B) contains.

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Color

Hex(08133B)

Conversions

Conversions Part 1

Format	Color
Hex	08133B
RGB	8, 19, 59
RGB Percent	3%, 7%, 23%
CMY	0.9686, 0.9255, 0.7686
CMYK	0.86, 0.68, 0.00, 0.77
HSL	227°, 76%, 13%
HSV	227°, 86%, 23%
XYZ	1.1224, 0.8331, 4.2393
YIQ	20.2710, -19.3960, 10.1080

Conversions

Conversions Part 2

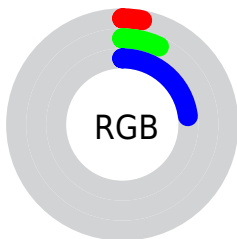
Format	Color
R _Y B	8, 17, 59
Decimal	529211
CIE Lab	7.53, 12.46, -27.22
CIE LCh	8, 29.940, 294.588
Yxy	0.8331, 0.1812, 0.1345
Android (android.graphics.Color)	4278719291 (0xFF08133B)
YUV	20.2710, 19.0934, -10.7617
Hunter-Lab	9.1276, 5.9769, -21.1479

Details

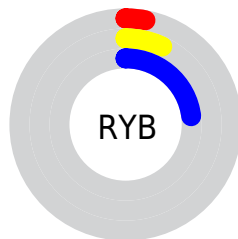
The Hex color **08133B** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **3B3008**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **3B3D6B**, and **00010E** is the 20% darker color. If you saturate the color by 10%, you get **020E3B**, and if you desaturate by 10%, it is **0E183B**.

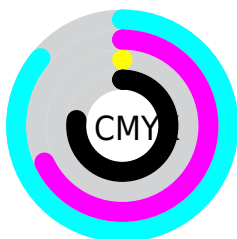
Distribution



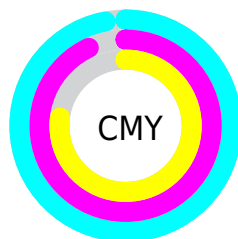
- Red (3%)
- Green (7%)
- Blue (23%)



- Red (3%)
- Yellow (7%)
- Blue (23%)



- Cyan (86%)
- Magenta (68%)
- Yellow (0%)
- Black (77%)



- Cyan (97%)
- Magenta (93%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 08133B 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 08133B by changing the saturation by 10% instead.

08133B

08133B

F6F2FF

000125

3B3D6B

00010E

535484

000000

6D6C9F

8785BA

A19FD5

BDBAF2

D9D6FF

08133B

08133B

■ 020E3B

■ 0E183B

■ 000D3B

■ 141C3B

■ 1A213B

■ 20263B

■ 252A3B

■ 2B2F3B

■ 31333B

■ 37383B

■ 3D3D3B

Harmonies

Analogous

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



001A3E



08133B



2A072E

Triad

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



08133B



2F0B00



002112

Complementary

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



08133B



3B3008

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.



001F00



08133B



211500

Square

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



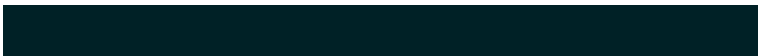
08133B



380000



0A1B00



002126

Rectangle

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



08133B



340022



0A1B00



002107

Sweetspot

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



08133B



393D4D



083B30



1A1D26



A6A6A6



262626

Same Dimension

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



08133B



00114D



16083B



1C1C1F



00145E



0030DE

Inverse Universe

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



3B0813



4D0011



2D3B08



1F1C1C



5E0014



DE0030

Previews

White Background



This preview shows how the Hex color 08133B looks on a white background.

Color Contrast Check

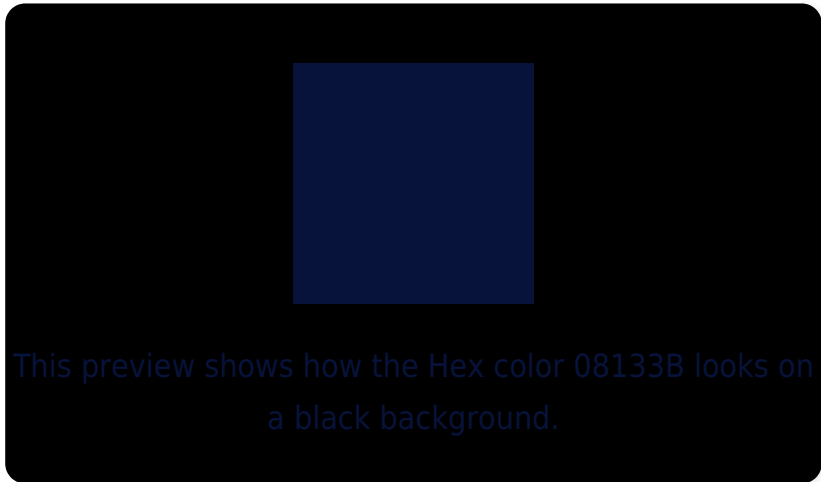
Large Text (above 18pt) WCAG AA ✓ Pass

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

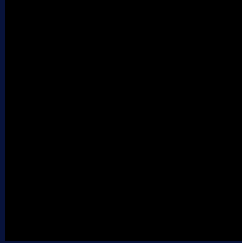
Any Text WCAG AA × Fail

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 08133B Background



This preview shows how black text looks on a background with the Hex color 08133B.



This preview shows how white text looks on a background with the Hex color 08133B.

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
08133B

Protanopia
001730

Deuteranopia
001829

Trichromacy



Original Color
08133B

Protanomaly
031634

Deuteranomaly
031630

Tritanomaly
031727

Monochromacy



Original Color
08133B

Achromatopsia
141414

Achromatomaly
101422

CSS Examples

Text

The CSS property to change the color of the text to Hex 08133B 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 #08133B looks like.

```
.text, #text, p{  
    color:#08133B  
}
```

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 #08133B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #08133B
}
```

Border

The CSS property to change the border of an element to Hex 08133B 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
#08133B }
```

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

```
.border{ border-color:#08133B }
```

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

Here you see how a box with a 4 pixel #08133B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #08133B; -webkit-box-shadow:4px 4px  
4px 4px #08133B; box-shadow:4px 4px 4px  
4px #08133B }
```

Background

The CSS property to change the background color of an element to Hex 08133B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#08133B }
```

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

```
.background{ background-color:#08133B }
```

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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