

Converting Colors

Hex(083350)

Have a look what the booklet for
Hex(083350) contains.

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Color

Hex(083350)

Conversions

Conversions Part 1

Format	Color
Hex	083350
RGB	8, 51, 80
RGB Percent	3%, 20%, 31%
CMY	0.9686, 0.8000, 0.6863
CMYK	0.90, 0.36, 0.00, 0.69
HSL	204°, 82%, 17%
HSV	204°, 90%, 31%
XYZ	2.7319, 2.9985, 8.0242
YIQ	41.4490, -34.9370, -0.0970

Conversions

Conversions Part 2

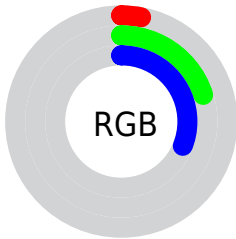
Format	Color
RYB	8, 35, 80
Decimal	537424
CIELab	20.04, -2.17, -21.72
CIELCh	20, 21.826, 264.282
Yxy	2.9985, 0.1986, 0.2180
Android (android.graphics.Color)	4278727504 (0xFF083350)
YUV	41.4490, 19.0056, -29.3348
Hunter-Lab	17.3161, -2.1414, -15.3535

Details

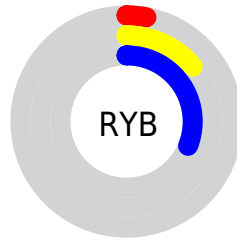
The Hex color **083350** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **502508**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **416181**, and **000224** is the 20% darker color. If you saturate the color by 10%, you get **003050**, and if you desaturate by 10%, it is **103650**.

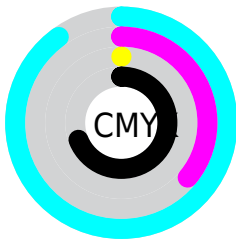
Distribution



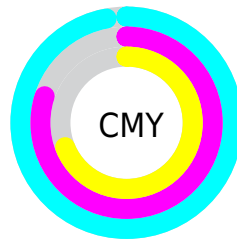
- Red (3%)
- Green (20%)
- Blue (31%)



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



- Cyan (90%)
- Magenta (36%)
- Yellow (0%)
- Black (69%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 083350 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 083350 by changing the saturation by 10% instead.

■ 083350

■ 083350

FFFFFF

■ 001E39

■ 416181

■ 000224

■ 5A7A9C

■ 00000B

■ 7494B6

■ 000000

■ 8FAED2

■ AAC9EF

■ C6E6FF

■ E2FFFF

■ 083350

■ 083350

■ 003050

■ 103650

■ 183950

■ 203D50

■ 284050

■ 304350

■ 384650

■ 404A50

■ 484D50

■ 505050

Harmonies

Analogous

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



00374A



083350



2D2D4D

Triad

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



083350



4E2424



19371D

Complementary

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



083350



502508

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.



2D3312



083350



482917

Square

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



083350



4C2334



3C2E10



00382D

Rectangle

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



083350



3B2947



3C2E10



213619

Sweetspot

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



083350



4C5D69



085025



242F36



B5B5B5



363636

Same Dimension

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



083350



003E69



080F50



252729



008BE8

Inverse Universe

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



500833



69003E



504908



292527



E8008B

Previews

White Background



This preview shows how the Hex color 083350 looks on a white background.

Color Contrast Check

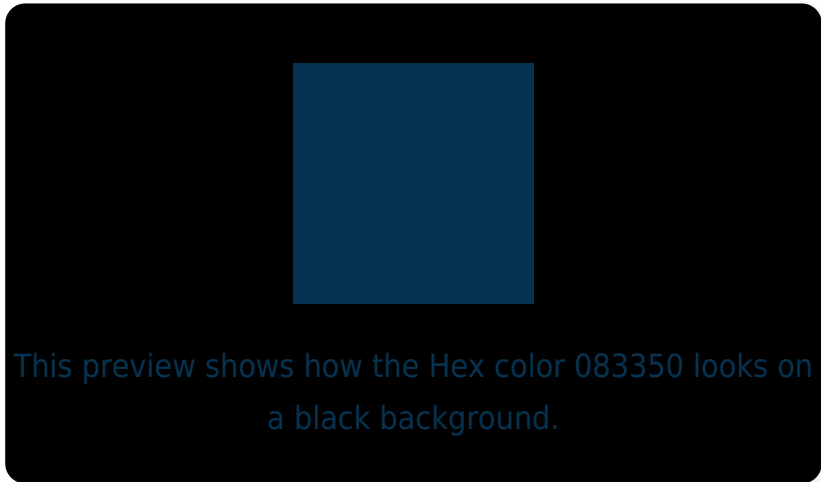
Large Text (above 18pt) WCAG AA ✓ Pass

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

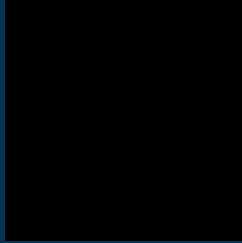
Any Text WCAG AA × Fail

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 083350 Background



This preview shows how black text looks on a background with the Hex color 083350.



This preview shows how white text looks on a background with the Hex color 083350.

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
083350

Protanopia
26304D

Deuteranopia
1C3150

Trichromacy



Original Color
083350

Protanomaly
1B314E

Deuteranomaly
153250

Tritanomaly
033542

Monochromacy



Original Color
083350

Achromatopsia
292929

Achromatomaly
1D2D37

CSS Examples

Text

The CSS property to change the color of the text to Hex 083350 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 #083350 looks like.

```
.text, #text, p{  
    color:#083350  
}
```

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 #083350 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #083350
}
```

Border

The CSS property to change the border of an element to Hex 083350 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
#083350 }
```

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

```
.border{ border-color:#083350 }
```

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

Here you see how a box with a 4 pixel #083350 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #083350; -webkit-box-shadow:4px 4px  
4px 4px #083350; box-shadow:4px 4px 4px  
4px #083350 }
```

Background

The CSS property to change the background color of an element to Hex 083350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#083350 }
```

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

```
.background{ background-color:#083350 }
```

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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