

Converting Colors

Hex(083660)

Have a look what the booklet for
Hex(083660) contains.

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Color

Hex(083660)

Conversions

Conversions Part 1

Format	Color
Hex	083660
RGB	8, 54, 96
RGB Percent	3%, 21%, 38%
CMY	0.9686, 0.7882, 0.6235
CMYK	0.92, 0.44, 0.00, 0.62
HSL	209°, 85%, 20%
HSV	209°, 92%, 38%
XYZ	3.5306, 3.5345, 11.5625
YIQ	45.0340, -40.8980, 3.3100

Conversions

Conversions Part 2

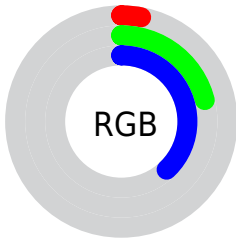
Format	Color
RYB	8, 38, 96
Decimal	538208
CIELab	22.07, 2.74, -29.07
CIELCh	22, 29.203, 275.387
Yxy	3.5345, 0.1895, 0.1897
Android (android.graphics.Color)	4278728288 (0xFF083660)
YUV	45.0340, 25.1262, -32.4788
Hunter-Lab	18.8002, 0.6214, -23.3042

Details

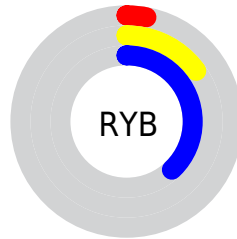
The Hex color **083660** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **603208**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **456493**, and **000931** is the 20% darker color. If you saturate the color by 10%, you get **003260**, and if you desaturate by 10%, it is **123B60**.

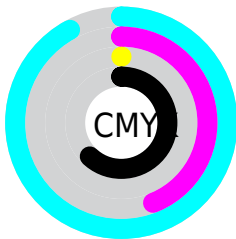
Distribution



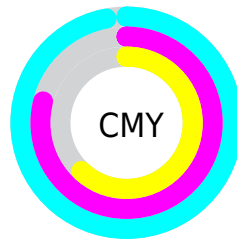
- Red (3%)
- Green (21%)
- Blue (38%)



- Red (3%)
- Yellow (15%)
- Blue (38%)



- Cyan (92%)
- Magenta (44%)
- Yellow (0%)
- Black (62%)



- Cyan (97%)
- Magenta (79%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 083660 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 083660 by changing the saturation by 10% instead.

083660

083660

FFFFFF

002148

456493

000931

607DAE

00011C

7A97C9

000000

95B2E5

B1CDFF

CDE9FF

EAE9FF

083660

083660

■ 003260

■ 123B60

■ 1B3F60

■ 254460

■ 2E4860

■ 384D60

■ 425160

■ 4B5660

■ 555B60

■ 5E5F60

Harmonies

Analogous

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



003C5C



083660



3B2D58

Triad

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



083660



5A251D



003E22

Complementary

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



083660



603208

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.



263B0F



083660



4E2D0C

Square

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



083660



5C2032



3D3504



003F38

Rectangle

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



083660



4C274E



3D3504



103D1B

Sweetspot

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



083660



5A6C7D



086031



2A3540



BFBFBF



404040

Same Dimension

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



083660



00417D



080B60



2C2E30



003B70



007DF0

Inverse Universe

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



600836



7D0041



605D08



302C2E



70003B



F0007D

Previews

White Background



This preview shows how the Hex color 083660 looks on a white background.

Color Contrast Check

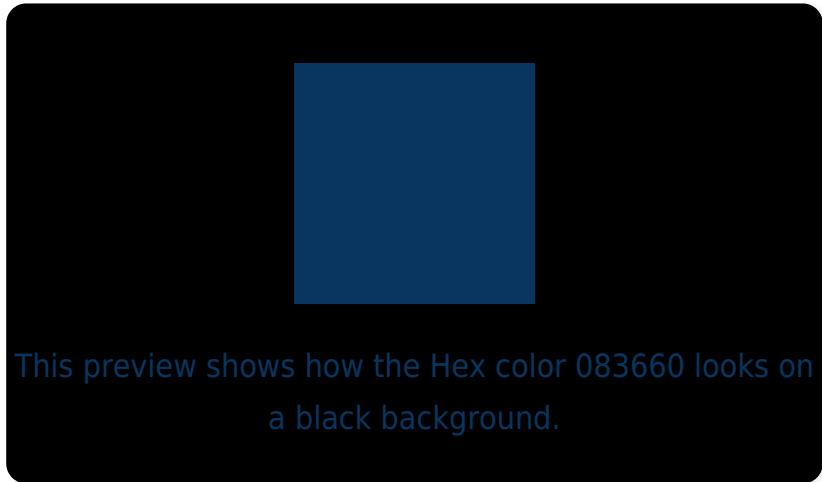
Large Text (above 18pt) WCAG AA ✓ Pass

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

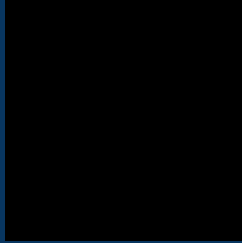
Any Text WCAG AA × Fail

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 083660 Background



This preview shows how black text looks on a background with the Hex color 083660.



This preview shows how white text looks on a background with the Hex color 083660.

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
083660

Protanopia
22345E

Deuteranopia
033660



Tritanopia
003B3F

Trichromacy



Original Color
083660

Protanomaly
19355F

Deuteranomaly
053660

Tritanomaly
03394B

Monochromacy



Original Color
083660

Achromatopsia
2D2D2D

Achromatomaly
203040

CSS Examples

Text

The CSS property to change the color of the text to Hex 083660 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 #083660 looks like.

```
.text, #text, p{  
    color:#083660  
}
```

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 #083660 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #083660
}
```

Border

The CSS property to change the border of an element to Hex 083660 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
#083660 }
```

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

```
.border{ border-color:#083660 }
```

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

Here you see how a box with a 4 pixel #083660 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #083660; -webkit-box-shadow:4px 4px  
4px 4px #083660; box-shadow:4px 4px 4px  
4px #083660 }
```

Background

The CSS property to change the background color of an element to Hex 083660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#083660 }
```

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

```
.background{ background-color:#083660 }
```

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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