

Converting Colors

Hex(083064)

Have a look what the booklet for
Hex(083064) contains.

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Color

Hex(083064)

Conversions

Conversions Part 1

Format	Color
Hex	083064
RGB	8, 48, 100
RGB Percent	3%, 19%, 39%
CMY	0.9686, 0.8118, 0.6078
CMYK	0.92, 0.52, 0.00, 0.61
HSL	214°, 85%, 21%
HSV	214°, 92%, 39%
XYZ	3.4573, 3.0856, 12.4700
YIQ	41.9680, -40.5320, 7.6920

Conversions

Conversions Part 2

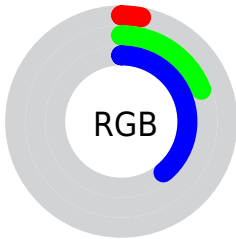
Format	Color
R_{YB}	8, 36, 100
Decimal	536676
CIE _{Lab}	20.38, 8.84, -34.39
CIE _{LCh}	20, 35.513, 284.417
Yxy	3.0856, 0.1818, 0.1623
Android (android.graphics.Color)	4278726756 (0xFF083064)
YUV	41.9680, 28.6098, -29.7899
Hunter-Lab	17.5660, 4.3920, -29.7934

Details

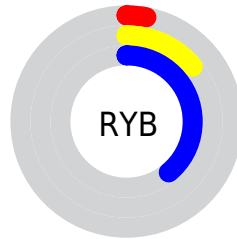
The Hex color **083064** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **643C08**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **475D97**, and **000035** is the 20% darker color. If you saturate the color by 10%, you get **002B64**, and if you desaturate by 10%, it is **123664**.

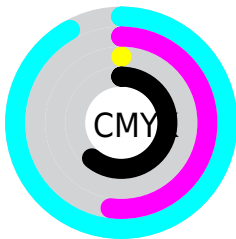
Distribution



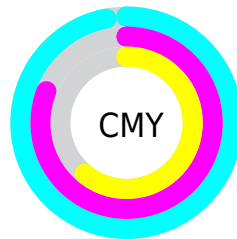
- Red (3%)
- Green (19%)
- Blue (39%)



- Red (3%)
- Yellow (14%)
- Blue (39%)



- Cyan (92%)
- Magenta (52%)
- Yellow (0%)
- Black (61%)



- Cyan (97%)
- Magenta (81%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 083064 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 083064 by changing the saturation by 10% instead.

083064

083064

FFFFFF

001C4C

475D97

000035

6176B2

00021F

7C8FCE

000001

98AAEA

000000

B3C5FF

D0E1FF

EDFEFF

083064

083064

■ 002B64

■ 123664

■ 1C3B64

■ 264164

■ 304764

■ 3A4C64

■ 445264

■ 4E5864

■ 585D64

■ 626364

Harmonies

Analogous

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



003864



083064



422457

Triad

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



083064



581F0D



003C22

Complementary

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



083064



643C08

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.



113906



083064



482B00

Square

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



083064



5F1526



323400



003D3D

Rectangle

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



083064



531B48



323400



003B19

Sweetspot

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



083064



5E6D82



08643B



2C3642



C2C2C2



424242

Same Dimension

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



083064



003982



0D0864



2E3033



003273



0069F2

Inverse Universe

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



640830



820039



5F6408



332E30



730032



F20069

Previews

White Background



This preview shows how the Hex color 083064 looks on a white background.

Color Contrast Check

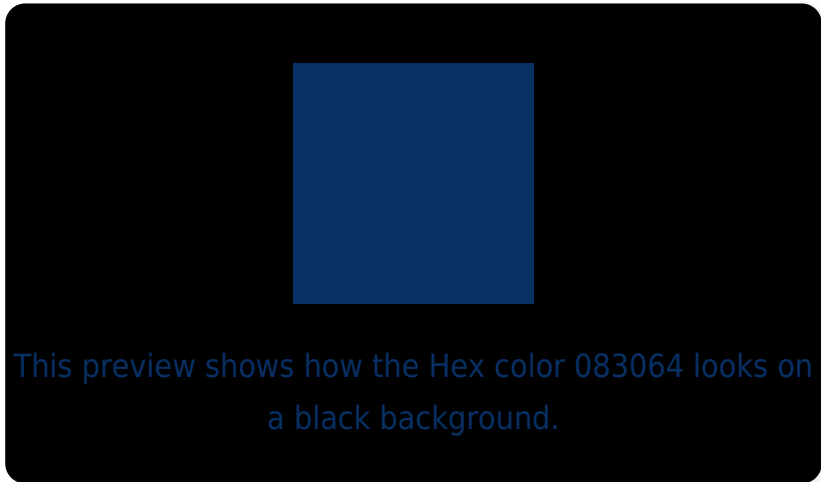
Large Text (above 18pt) WCAG AA ✓ Pass

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 083064 Background



This preview shows how black text looks on a background with the Hex color 083064.



This preview shows how white text looks on a background with the Hex color 083064.

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
083064

Protanopia
0D3064

Deuteranopia
003358



Tritanopia
00373B

Trichromacy



Original Color
083064

Protanomaly
0B3064

Deuteranomaly
03325C

Tritanomaly
03344A

Monochromacy



Original Color
083064

Achromatopsia
2A2A2A

Achromatomaly
1E2C3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 083064 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 #083064 looks like.

```
.text, #text, p{  
    color:#083064  
}
```

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 #083064 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #083064
}
```

Border

The CSS property to change the border of an element to Hex 083064 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
#083064 }
```

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

```
.border{ border-color:#083064 }
```

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

Here you see how a box with a 4 pixel #083064 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #083064; -webkit-box-shadow:4px 4px  
4px 4px #083064; box-shadow:4px 4px 4px  
4px #083064 }
```

Background

The CSS property to change the background color of an element to Hex 083064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#083064 }
```

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

```
.background{ background-color:#083064 }
```

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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