

Converting Colors

Hex(083664)

Have a look what the booklet for
Hex(083664) contains.

Hex(083664)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(083664)

Conversions

Conversions Part 1

Format	Color
Hex	083664
RGB	8, 54, 100
RGB Percent	3%, 21%, 39%
CMY	0.9686, 0.7882, 0.6078
CMYK	0.92, 0.46, 0.00, 0.61
HSL	210°, 85%, 21%
HSV	210°, 92%, 39%
XYZ	3.7196, 3.6101, 12.5574
YIQ	45.4900, -42.1820, 4.5540

Conversions

Conversions Part 2

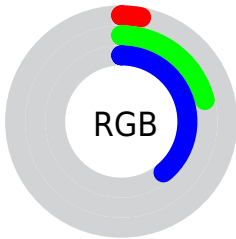
Format	Color
R_{YB}	8, 39, 100
Decimal	538212
CIE _{Lab}	22.34, 4.50, -31.25
CIE _{LCh}	22, 31.574, 278.202
Yxy	3.6101, 0.1870, 0.1815
Android (android.graphics.Color)	4278728292 (0xFF083664)
YUV	45.4900, 26.8734, -32.8787
Hunter-Lab	19.0002, 1.6937, -25.8852

Details

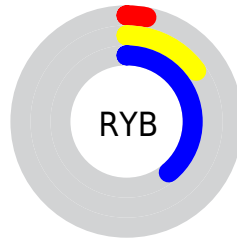
The Hex color **083664** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **643608**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **476497**, and **000935** is the 20% darker color. If you saturate the color by 10%, you get **003264**, and if you desaturate by 10%, it is **123B64**.

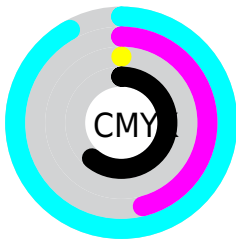
Distribution



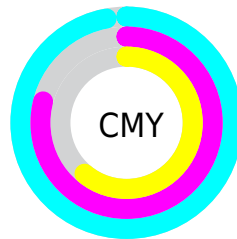
- Red (3%)
- Green (21%)
- Blue (39%)



- Red (3%)
- Yellow (15%)
- Blue (39%)



- Cyan (92%)
- Magenta (46%)
- Yellow (0%)
- Black (61%)



- Cyan (97%)
- Magenta (79%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 083664 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 083664 by changing the saturation by 10% instead.

083664

083664

FFFFFF

00214C

476497

000935

617DB2

00021F

7C97CE

000002

97B1EA

000000

B3CDFF

CFE9FF

ECFFFF

083664

083664

■ 003264

■ 123B64

■ 1C4064

■ 264564

■ 304A64

■ 3A4F64

■ 445464

■ 4E5964

■ 585E64

■ 626364

Harmonies

Analogous

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



003D61



083664



3F2C5A

Triad

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



083664



5C241A



003F23

Complementary

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



083664



643608

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.



223C0D



083664



4F2E06

Square

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



083664



5F1E30



3B3600



00403B

Rectangle

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



083664



50254E



3B3600



053E1B

Sweetspot

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



083664



5E7082



086436



2C3742



C2C2C2



424242

Same Dimension

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



083664



004182



080864



2E3033



003973



0079F2

Inverse Universe

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



640836



820041



646408



332E30



730039



F20079

Previews

White Background



This preview shows how the Hex color 083664 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

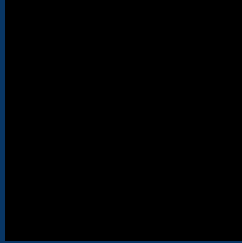
Any Text WCAG AA × Fail

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 083664 Background



This preview shows how black text looks on a background with the Hex color 083664.



This preview shows how white text looks on a background with the Hex color 083664.

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
083664

Protanopia
1F3462

Deuteranopia
003761



Tritanopia
003C40

Trichromacy



Original Color

083664

Protanomaly

173563

Deuteranomaly

033762

Tritanomaly

033A4D

Monochromacy



Original Color

083664

Achromatopsia

2D2D2D

Achromatomaly

203041

CSS Examples

Text

The CSS property to change the color of the text to Hex 083664 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 #083664 looks like.

```
.text, #text, p{  
    color:#083664  
}
```

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 #083664 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #083664
}
```

Border

The CSS property to change the border of an element to Hex 083664 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
#083664 }
```

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

```
.border{ border-color:#083664 }
```

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

Here you see how a box with a 4 pixel #083664 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #083664; -webkit-box-shadow:4px 4px  
4px 4px #083664; box-shadow:4px 4px 4px  
4px #083664 }
```

Background

The CSS property to change the background color of an element to Hex 083664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#083664 }
```

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

```
.background{ background-color:#083664 }
```

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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