

Converting Colors

Hex(084E83)

Have a look what the booklet for
Hex(084E83) contains.

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Color

Hex(084E83)

Conversions

Conversions Part 1

Format	Color
Hex	084E83
RGB	8, 78, 131
RGB Percent	3%, 31%, 51%
CMY	0.9686, 0.6941, 0.4863
CMYK	0.94, 0.40, 0.00, 0.49
HSL	206°, 88%, 27%
HSV	206°, 94%, 51%
XYZ	6.9213, 7.1391, 22.4859
YIQ	63.1120, -58.7330, 1.6430

Conversions

Conversions Part 2

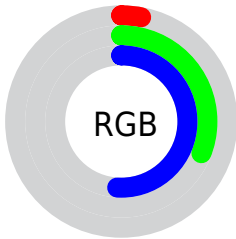
Format	Color
RYB	8, 53, 131
Decimal	544387
CIELab	32.12, 1.37, -35.25
CIELCh	32, 35.276, 272.233
Yxy	7.1391, 0.1894, 0.1953
Android (android.graphics.Color)	4278734467 (0xFF084E83)
YUV	63.1120, 33.4688, -48.3332
Hunter-Lab	26.7191, -0.5201, -31.1932

Details

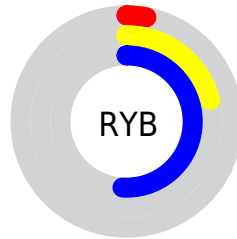
The Hex color **084E83** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **833D08**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **507FB8**, and **002351** is the 20% darker color. If you saturate the color by 10%, you get **004B83**, and if you desaturate by 10%, it is **155483**.

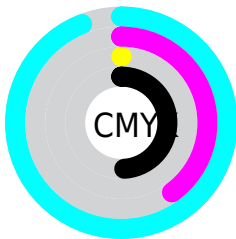
Distribution



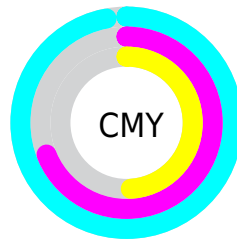
- Red (3%)
- Green (31%)
- Blue (51%)



- Red (3%)
- Yellow (21%)
- Blue (51%)



- Cyan (94%)
- Magenta (40%)
- Yellow (0%)
- Black (49%)



- Cyan (97%)
- Magenta (69%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 084E83 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 084E83 by changing the saturation by 10% instead.

084E83

084E83

FFFFFF

00386A

507FB8

002351

6C98D4

000C3A

88B3F1

000223

A4CFFF

00000B

C1EBFF

000000

DEFFFF

FCFFFF

084E83

084E83

■ 004B83

■ 155483

■ 225983

■ 2F5F83

■ 3C6583

■ 496A83

■ 577083

■ 647683

■ 717B83

■ 7E8183

Harmonies

Analogous

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



00557C



084E83



4F437B

Triad

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



084E83



7C3630



105730

Complementary

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



084E83



833D08

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.



3C5219



084E83



6E401A

Square

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



084E83



7D324B



584B0F



00594D

Rectangle

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



084E83



663B6E



584B0F



235628

Sweetspot

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



084E83



7B96AB



08833B



394A57



D6D6D6



575757

Same Dimension

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



084E83



0061AB



081283



3C3F42



004A82



000103

Inverse Universe

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



83084E



AB0061



837908



423C3F



82004A



030001

Previews

White Background



This preview shows how the Hex color 084E83 looks on a white background.

Color Contrast Check

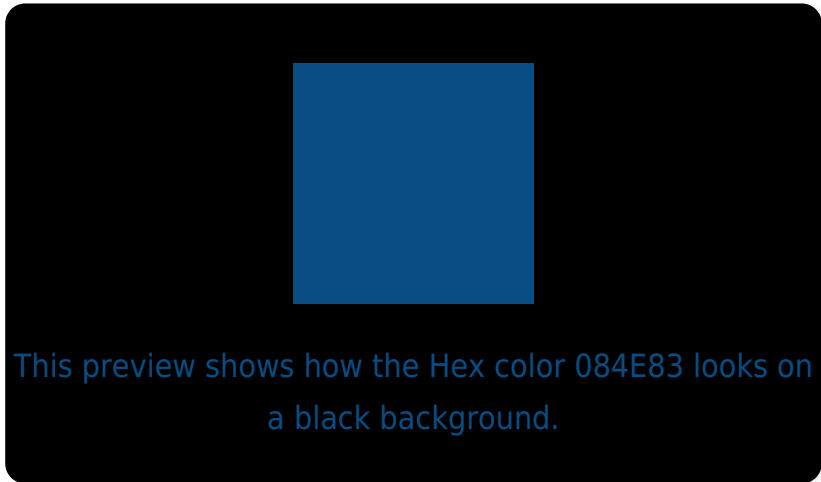
Large Text (above 18pt) WCAG AA ✓ Pass

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

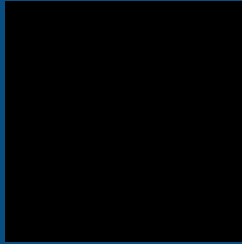
Any Text WCAG AA × Fail

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 084E83 Background



This preview shows how black text looks on a background with the Hex color 084E83.




This preview shows how white text looks on a background with the Hex color 084E83.

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



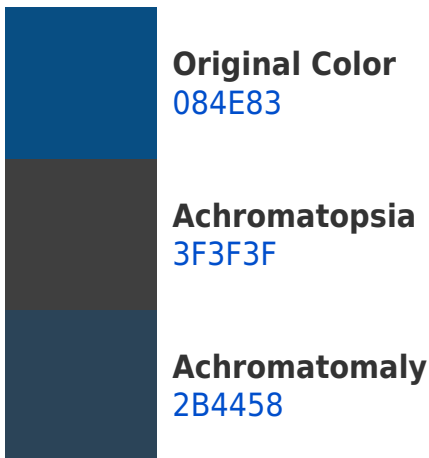


Tritanopia
00545A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 084E83 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 #084E83 looks like.

```
.text, #text, p{  
    color:#084E83  
}
```

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 #084E83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #084E83
}
```

Border

The CSS property to change the border of an element to Hex 084E83 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
#084E83 }
```

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

```
.border{ border-color:#084E83 }
```

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

Here you see how a box with a 4 pixel #084E83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #084E83; -webkit-box-shadow:4px 4px  
4px 4px #084E83; box-shadow:4px 4px 4px  
4px #084E83 }
```

Background

The CSS property to change the background color of an element to Hex 084E83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#084E83 }
```

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

```
.background{ background-color:#084E83 }
```

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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