

# Converting Colors

Hex(084577)

Have a look what the booklet for  
Hex(084577) contains.

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# Color

**Hex(084577)**

# Conversions

## Conversions Part 1

Format	Color
Hex	084577
RGB	8, 69, 119
RGB Percent	3%, 27%, 47%
CMY	0.9686, 0.7294, 0.5333
CMYK	0.93, 0.42, 0.00, 0.53
HSL	207°, 87%, 25%
HSV	207°, 93%, 47%
XYZ	5.5580, 5.6398, 18.2484
YIQ	56.4610, -52.4060, 2.6180

# Conversions

## Conversions Part 2

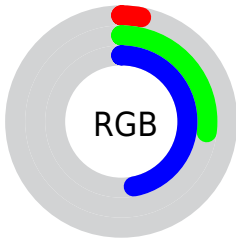
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	8, 47, 119
Decimal	542071
CIE Lab	28.48, 2.33, -33.57
CIE LCh	28, 33.651, 273.966
Yxy	5.6398, 0.1888, 0.1915
Android (android.graphics.Color)	4278732151 (0xFF084577)
<b>YUV</b>	56.4610, 30.8317, -42.5003
Hunter-Lab	23.7482, 0.2168, -28.9354

# Details

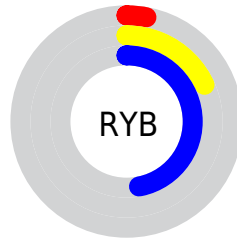
The Hex color **084577** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **773A08**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **4C75AC**, and **001B46** is the 20% darker color. If you saturate the color by 10%, you get **004177**, and if you desaturate by 10%, it is **144A77**.

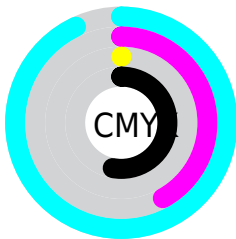
# Distribution



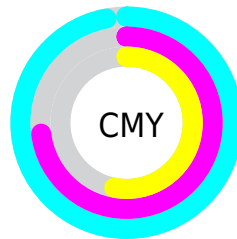
- Red (3%)
- Green (27%)
- Blue (47%)



- Red (3%)
- Yellow (18%)
- Blue (47%)



- Cyan (93%)
- Magenta (42%)
- Yellow (0%)
- Black (53%)



- Cyan (97%)
- Magenta (73%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 084577 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 084577 by changing the saturation by 10% instead.



084577

084577

FFFFFF

002F5E

4C75AC

001B46

688EC7

00042F

83A9E3

00011A

9FC4FF

000000

BCE0FF

D8FCFF

F6FFFF

084577

084577

■ 004177

■ 144A77

■ 205077

■ 2C5577

■ 385A77

■ 436077

■ 4F6577

■ 5B6B77

■ 677077

■ 737577

# Harmonies

## Analogous

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



004C72



084577



483B6E

# Triad

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



084577



702F28



034E2B

# Complementary

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



084577



773A08

# 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.



334A15



084577



633913

# Square

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



084577



722B41



4E430A



005046

# Rectangle

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



084577



5E3362



4E430A



1A4D23



# Sweetspot

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



084577



70889C



08773A



34434F



CFCFCF



4F4F4F



# Same Dimension

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



084577



00559C



080E77



35383B



00437A



0089FA



# Inverse Universe

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



770845



9C0055



777108



3B3538



7A0043



FA0089



# Previews

## White Background



This preview shows how the Hex color 084577 looks on a white background.

## Color Contrast Check

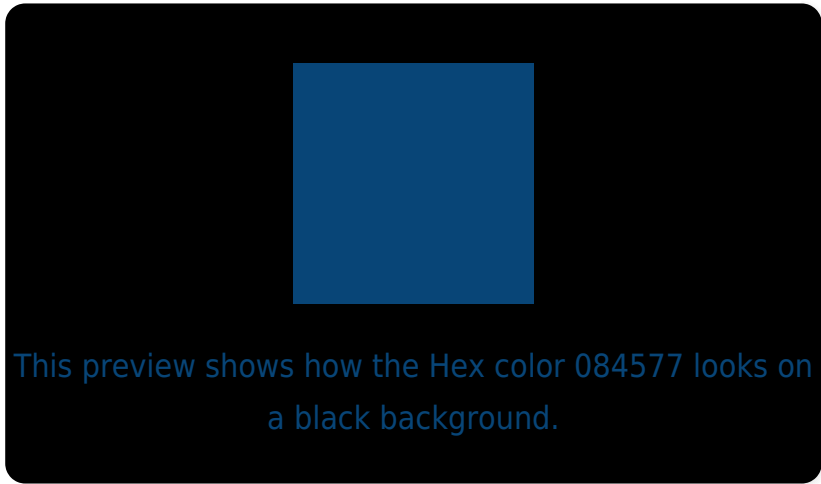
Large Text (above 18pt) WCAG AA ✓ Pass

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

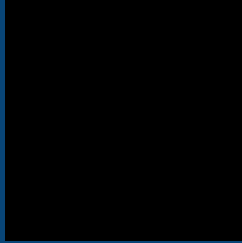
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 084577 Background



This preview shows how black text looks on a background with the Hex color 084577.



This preview shows how white text looks on a background with the Hex color 084577.

# 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**  
084577

**Protanopia**  
2D4274

**Deuteranopia**  
154477



**Tritanopia**  
004B50

# Trichromacy



**Original Color**  
084577

**Protanomaly**  
204375

**Deuteranomaly**  
104477

**Tritanomaly**  
03495E

# Monochromacy



**Original Color**  
084577

**Achromatopsia**  
383838

**Achromatomaly**  
273D4F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 084577 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 #084577 looks like.

```
.text, #text, p{  
    color:#084577  
}
```

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 #084577 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #084577
}
```

## Border

The CSS property to change the border of an element to Hex 084577 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
#084577 }
```

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

```
.border{ border-color:#084577 }
```

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

Here you see how a box with a 4 pixel #084577 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #084577; -webkit-box-shadow:4px 4px  
4px 4px #084577; box-shadow:4px 4px 4px  
4px #084577 }
```

# Background

The CSS property to change the background color of an element to Hex 084577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#084577 }
```

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

```
.background{ background-color:#084577 }
```

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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