

# Converting Colors

Hex(35084C)

Have a look what the booklet for  
Hex(35084C) contains.

<b>Hex(35084C)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(35084C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	35084C
RGB	53, 8, 76
RGB Percent	21%, 3%, 30%
CMY	0.7922, 0.9686, 0.7020
CMYK	0.30, 0.89, 0.00, 0.70
HSL	280°, 81%, 16%
HSV	280°, 89%, 30%
XYZ	2.8595, 1.4524, 6.9671
YIQ	29.2070, 4.9920, 30.6880

# Conversions

## Conversions Part 2

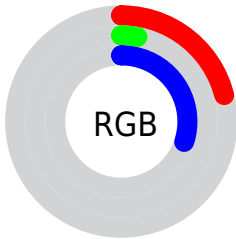
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	53, 8, 76
Decimal	3475532
CIE Lab	12.30, 33.52, -31.20
CIE LCh	12, 45.791, 317.053
Yxy	1.4524, 0.2535, 0.1288
Android (android.graphics.Color)	4281665612 (0xFF35084C)
YUV	29.2070, 23.0689, 20.8665
Hunter-Lab	12.0514, 21.2645, -25.8406

# Details

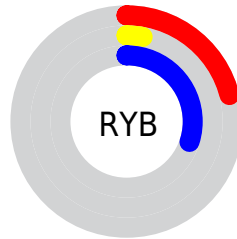
The Hex color **35084C** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1F4C08**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **67387E**, and **00011F** is the 20% darker color. If you saturate the color by 10%, you get **32004C**, and if you desaturate by 10%, it is **38104C**.

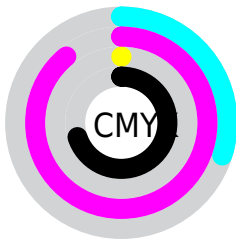
# Distribution



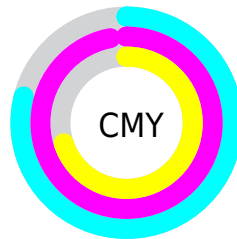
- Red (21%)
- Green (3%)
- Blue (30%)



- Red (21%)
- Yellow (3%)
- Blue (30%)



- Cyan (30%)
- Magenta (89%)
- Yellow (0%)
- Black (70%)



- Cyan (79%)
- Magenta (97%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 35084C 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 35084C by changing the saturation by 10% instead.



 35084C


 35084C

 FFF1FF

 200035

 67387E

 00011F

 815098

 000002

 9C69B3

 000000

 B783CE

 D39DEB

 F0B9FF

 FFD5FF

 35084C

 35084C

■ 32004C

■ 38104C

■ 3A174C

■ 3D1F4C

■ 3F264C

■ 422E4C

■ 44364C

■ 473D4C

■ 4A454C

■ 4C4C4C

# Harmonies

## Analogous

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



001F5E



35084C



4F002F

# Triad

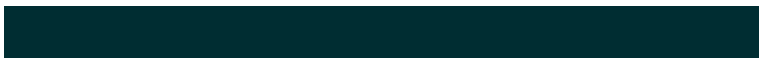
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



35084C



341A00



002D32

# Complementary

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



35084C



1F4C08

# 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.



002C10



35084C



182400

# Square

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



35084C



490200



002900



002C4F

# Rectangle

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



35084C



54001A



002900



002D27



# Sweetspot

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



35084C



5A4963



08204C



2D2333



B3B3B3



333333



# Same Dimension

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



35084C



420063



4C0842



252226



440066



9800E6



# Inverse Universe

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



4C081F



630022



084C12



262224



660022

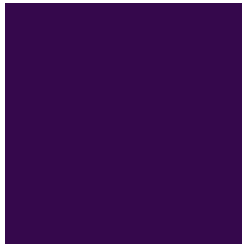


E6004E



# Previews

## White Background



This preview shows how the Hex color 35084C looks on a white background.

## Color Contrast Check

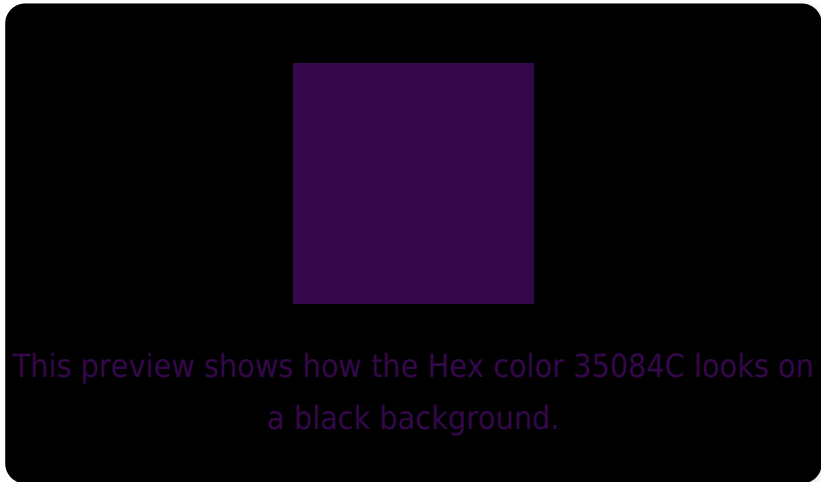
Large Text (above 18pt) WCAG AA ✓ Pass

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

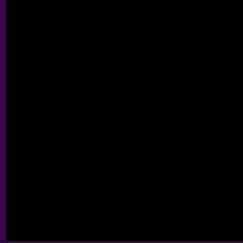
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 35084C Background



This preview shows how black text looks on a background with the Hex color 35084C.



This preview shows how white text looks on a background with the Hex color 35084C.

# 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**  
35084C

**Protanopia**  
002146

**Deuteranopia**  
00243D



**Tritanopia**  
2E1E21

# Trichromacy



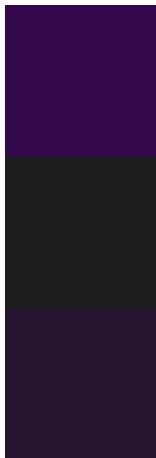
**Original Color**  
35084C

**Protanomaly**  
131848

**Deuteranomaly**  
131A42

**Tritanomaly**  
311631

# Monochromacy



**Original Color**  
35084C

**Achromatopsia**  
1D1D1D

**Achromatomaly**  
26152E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 35084C 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 #35084C looks like.

```
.text, #text, p{  
    color:#35084C  
}
```

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 #35084C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35084C
}
```

## Border

The CSS property to change the border of an element to Hex 35084C 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
#35084C }
```

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

```
.border{ border-color:#35084C }
```

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

Here you see how a box with a 4 pixel #35084C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35084C; -webkit-box-shadow:4px 4px  
4px 4px #35084C; box-shadow:4px 4px 4px  
4px #35084C }
```

# Background

The CSS property to change the background color of an element to Hex 35084C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35084C }
```

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

```
.background{ background-color:#35084C }
```

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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