

# Converting Colors

Hex(34265C)

Have a look what the booklet for  
Hex(34265C) contains.

<b>Hex(34265C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(34265C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	34265C
RGB	52, 38, 92
RGB Percent	20%, 15%, 36%
CMY	0.7961, 0.8510, 0.6392
CMYK	0.43, 0.59, 0.00, 0.64
HSL	256°, 42%, 25%
HSV	256°, 59%, 36%
XYZ	4.0411, 2.8890, 10.4699
YIQ	48.3420, -8.9900, 19.7620

# Conversions

## Conversions Part 2

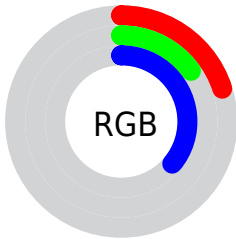
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	52, 38, 92
Decimal	3417692
CIE <sub>Lab</sub>	19.59, 21.09, -30.26
CIE <sub>LCh</sub>	20, 36.883, 304.875
Yxy	2.8890, 0.2322, 0.1660
Android (android.graphics.Color)	4281607772 (0xFF34265C)
YUV	48.3420, 21.5234, 3.2081
Hunter-Lab	16.9971, 12.6936, -24.6236




# Details

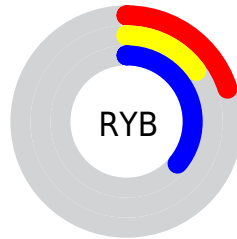
The Hex color **34265C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4E5C26**, and the grayscale version is **303030**.




A 20% lighter version of the original color is **65538F**, and **09002E** is the 20% darker color. If you saturate the color by 10%, you get **2D1D5C**, and if you desaturate by 10%, it is **3B2F5C**.

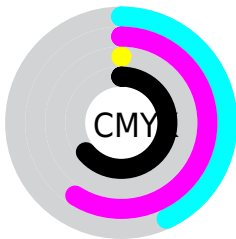
# Distribution







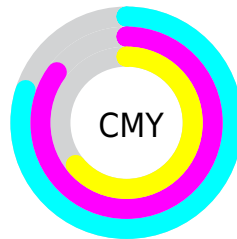
-  Red (20%)
-  Green (15%)
-  Blue (36%)






-  Red (20%)
-  Yellow (15%)
-  Blue (36%)



-  Cyan (43%)
-  Magenta (59%)
-  Yellow (0%)
-  Black (64%)



-  Cyan (80%)
-  Magenta (85%)
-  Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 34265C 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 34265C by changing the saturation by 10% instead.





34265C



34265C

FFFFFF



1C1144



65538F



09002E



7F6CA9



000118



9A85C5



000000



B59FE1



D1BAFE



EED6FF



FFF3FF



34265C



34265C

■ 2D1D5C

■ 3B2F5C

■ 26145C

■ 42385C

■ 200A5C

■ 48425C

■ 19015C

■ 4F4B5C

■ 18005C

■ 56545C

■ 5D5D5C

■ 64665C

■ 6B705C

■ 71795C

# Harmonies

## Analogous

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



003166



34265C



521747

# Triad

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



34265C



4D2500



003B33

# Complementary

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



34265C



4E5C26

# 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.



003A17



34265C



383000

# Square

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



34265C



5B1812



1C3600



003B4E

# Rectangle

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



34265C



5C1035



1C3600



003B2A



# Sweetspot

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



34265C



686278



264F5C



33303D



BDBDBD



3D3D3D



# Same Dimension

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



34265C



3A2478



4F265C



2B292E



1C006E



3D00ED



# Inverse Universe

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



5C264E



782462



335C26



2E292D



6E0051



ED00B0



# Previews

## White Background



This preview shows how the Hex color 34265C looks on a white background.

## Color Contrast Check

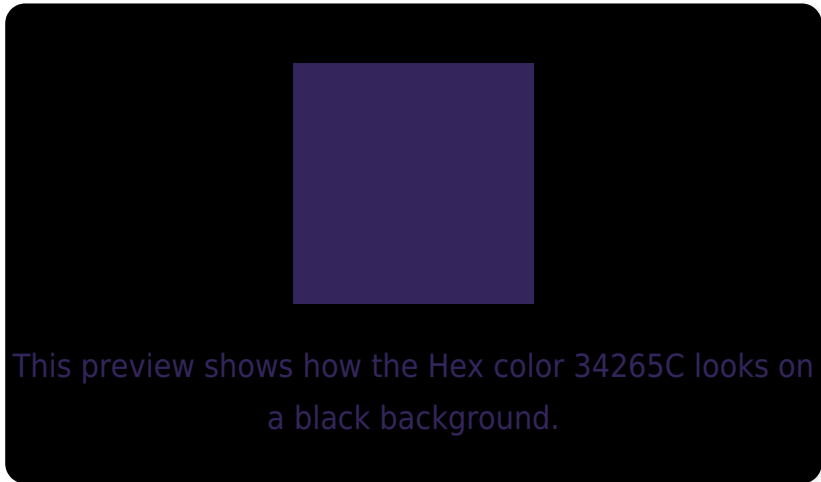
Large Text (above 18pt) WCAG AA ✓ Pass

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

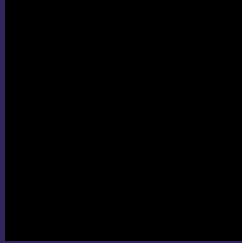
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 34265C Background



This preview shows how black text looks on a background with the Hex color 34265C.



This preview shows how white text looks on a background with the Hex color 34265C.

# 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](#).

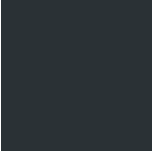
## Dichromacy



**Original Color**  
34265C

**Protanopia**  
002E62

**Deuteranopia**  
003156



**Tritanopia**  
2A3135

# Trichromacy



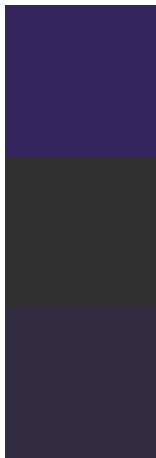
**Original Color**  
34265C

**Protanomaly**  
132B60

**Deuteranomaly**  
132D58

**Tritanomaly**  
2E2D43

# Monochromacy



**Original Color**  
34265C

**Achromatopsia**  
303030

**Achromatomaly**  
312C40

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 34265C 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 #34265C looks like.

```
.text, #text, p{  
    color:#34265C  
}
```

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 #34265C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34265C
}
```

## Border

The CSS property to change the border of an element to Hex 34265C is called "border". The border property can be set on classes, ids or directly on the HTML element.

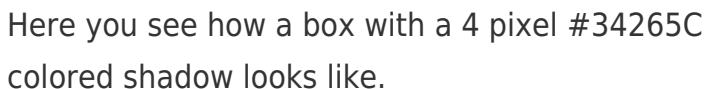
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#34265C }
```

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

```
.border{ border-color:#34265C }
```

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



Here you see how a box with a 4 pixel #34265C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34265C; -webkit-box-shadow:4px 4px  
4px 4px #34265C; box-shadow:4px 4px 4px  
4px #34265C }
```

# Background

The CSS property to change the background color of an element to Hex 34265C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34265C }
```

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

```
.background{ background-color:#34265C }
```

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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