

# Converting Colors

Hex(032347)

Have a look what the booklet for  
Hex(032347) contains.

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# Color

Hex(032347)

# Conversions

## Conversions Part 1

Format	Color
Hex	032347
RGB	3, 35, 71
RGB Percent	1%, 14%, 28%
CMY	0.9882, 0.8627, 0.7216
CMYK	0.96, 0.51, 0.00, 0.72
HSL	212°, 92%, 15%
HSV	212°, 96%, 28%
XYZ	1.7759, 1.6764, 6.1912
YIQ	29.5360, -30.6280, 4.4120

# Conversions

## Conversions Part 2

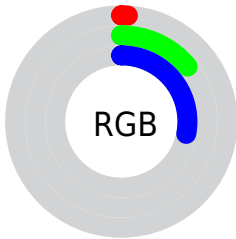
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	3, 25, 71
Decimal	205639
CIE <sub>Lab</sub>	13.69, 4.71, -25.72
CIE <sub>LCh</sub>	14, 26.149, 280.382
Yxy	1.6764, 0.1842, 0.1738
Android (android.graphics.Color)	4278395719 (0xFF032347)
YUV	29.5360, 20.4418, -23.2721
Hunter-Lab	12.9474, 1.8257, -19.2881

# Details

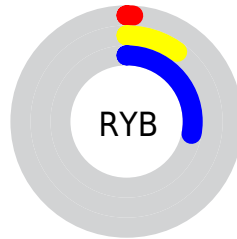
The Hex color **032347** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **472703**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **3B4F78**, and **00011B** is the 20% darker color. If you saturate the color by 10%, you get **002147**, and if you desaturate by 10%, it is **0A2747**.

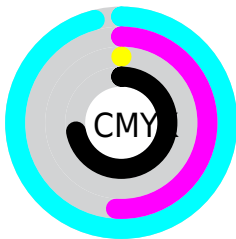
# Distribution



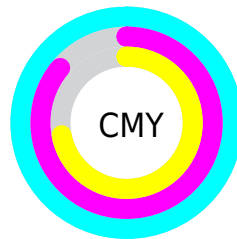
- Red (1%)
- Green (14%)
- Blue (28%)



- Red (1%)
- Yellow (10%)
- Blue (28%)



- Cyan (96%)
- Magenta (51%)
- Yellow (0%)
- Black (72%)



- Cyan (99%)
- Magenta (86%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 032347 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 032347 by changing the saturation by 10% instead.



 032347

 032347


 F8FFFF

 000D30

 3B4F78

 00011B

 546792

 000000

 6E80AC

 889AC8

 A3B4E4

 BFD0FF

 DBECFF

 032347

 032347

■ 002147

■ 0A2747

■ 112B47

■ 182E47

■ 1F3247

■ 273647

■ 2E3A47

■ 353D47

■ 3C4147

■ 434547

# Harmonies

## Analogous

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



002845



032347



2C1B3F

# Triad

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



032347



401609



002B16

# Complementary

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



032347



472703

# 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.



132800



032347



361D00

# Square

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



032347



43101D



272400



002B29

# Rectangle

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



032347



391535



272400



002A0F



# Sweetspot

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



032347



414E5C



034726



1E252E



ADADAD



2E2E2E



# Same Dimension

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



032347



002B5C



040347



202224



002F63



006BE3



# Inverse Universe

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



470323



5C002B



464703



242022



63002F



E3006B



# Previews

## White Background



This preview shows how the Hex color 032347 looks on a white background.

## Color Contrast Check

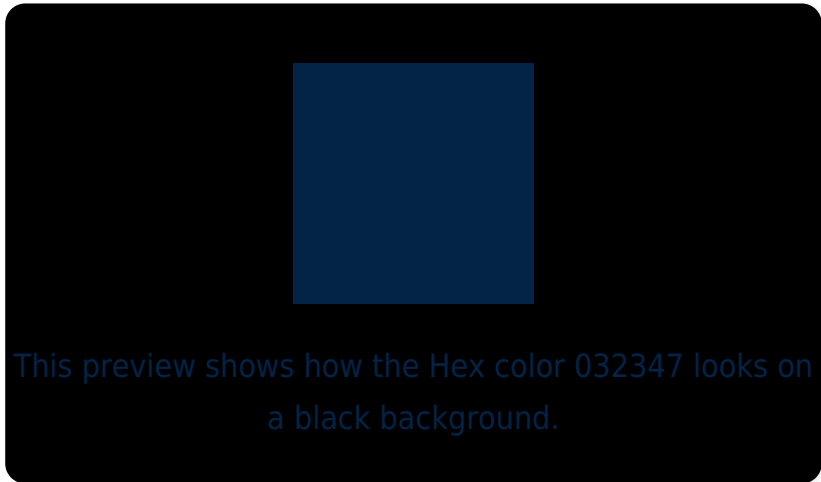
Large Text (above 18pt) WCAG AA ✓ Pass

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

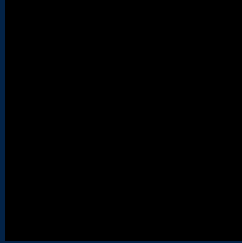
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 032347 Background



This preview shows how black text looks on a background with the Hex color 032347.



This preview shows how white text looks on a background with the Hex color 032347.

# 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**

032347

**Protanopia**

0D2347

**Deuteranopia**

002540



# Trichromacy



**Original Color**  
032347

**Protanomaly**  
092347

**Deuteranomaly**  
012443

**Tritanomaly**  
012635

# Monochromacy



**Original Color**  
032347

**Achromatopsia**  
1E1E1E

**Achromatomaly**  
14202D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 032347 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 #032347 looks like.

```
.text, #text, p{  
    color:#032347  
}
```

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 #032347 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #032347
}
```

## Border

The CSS property to change the border of an element to Hex 032347 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
#032347 }
```

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

```
.border{ border-color:#032347 }
```

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

Here you see how a box with a 4 pixel #032347 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #032347; -webkit-box-shadow:4px 4px  
4px 4px #032347; box-shadow:4px 4px 4px  
4px #032347 }
```

# Background

The CSS property to change the background color of an element to Hex 032347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#032347 }
```

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

```
.background{ background-color:#032347 }
```

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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