

# Converting Colors

Hex(23034F)

Have a look what the booklet for  
Hex(23034F) contains.

<b>Hex(23034F)</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> .....	21
<b><i>Color Blindness Simulation</i></b> .....	24
<b><i>CSS Examples</i></b> .....	27

# Color

**Hex(23034F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	23034F
RGB	35, 3, 79
RGB Percent	14%, 1%, 31%
CMY	0.8627, 0.9882, 0.6902
CMYK	0.56, 0.96, 0.00, 0.69
HSL	265°, 93%, 16%
HSV	265°, 96%, 31%
XYZ	2.1370, 0.9870, 7.4750
YIQ	21.2320, -5.3240, 30.4200

# Conversions

## Conversions Part 2

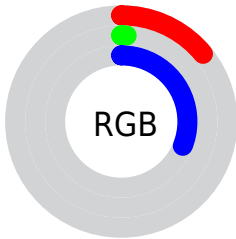
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">35, 3, 79</a>
Decimal	<a href="#">2294607</a>
CIELab	<a href="#">8.88, 33.87, -38.99</a>
CIELCh	<a href="#">9, 51.648, 310.978</a>
Yxy	<a href="#">0.9870, 0.2016, 0.0931</a>
Android (android.graphics.Color)	<a href="#">4280484687 (0xFF23034F)</a>
YUV	<a href="#">21.2320, 28.4796, 12.0745</a>
Hunter-Lab	<a href="#">9.9346, 21.0107, -37.6569</a>

# Details

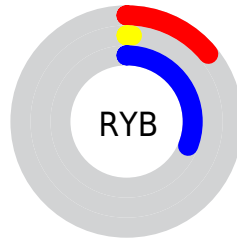
The Hex color **23034F** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **2F4F03**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **563181**, and **000221** is the 20% darker color. If you saturate the color by 10%, you get **21004F**, and if you desaturate by 10%, it is **280B4F**.

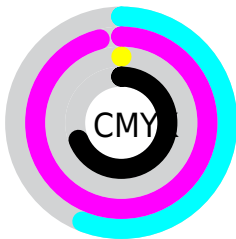
# Distribution



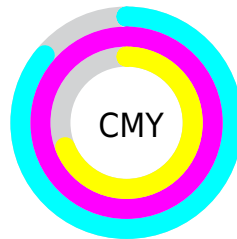
- Red (14%)
- Green (1%)
- Blue (31%)



- Red (14%)
- Yellow (1%)
- Blue (31%)



- Cyan (56%)
- Magenta (96%)
- Yellow (0%)
- Black (69%)



- Cyan (86%)
- Magenta (99%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 23034F 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 23034F by changing the saturation by 10% instead.




 23034F

 23034F

 FFE8FF

 0F0038


 563181

 000221

 70499B

 000006

 8B61B7

 000000

 A67BD2

 C295EF

 DFB0FF

 FCCCFF

 23034F

 23034F

■ 21004F

■ 280B4F

■ 2C134F

■ 311B4F

■ 35234F

■ 3A2B4F

■ 3E324F

■ 433A4F

■ 48424F

■ 4C4A4F

# Harmonies

## Analogous

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



001C60



23034F



480031

# Triad

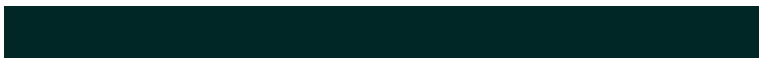
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



23034F



320E00



002626

# Complementary

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



23034F



2F4F03

# 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.



002500



23034F



151C00

# Square

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



23034F



460000



002400



002847

# Rectangle

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



23034F



4F001A



002400



00261A



# Sweetspot

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



23034F



554866



032F4F



292133



B3B3B3



333333



# Same Dimension

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



23034F



2B0066



49034F



242226



6100E6

# Inverse Universe

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



4F032F



66003B



094F03



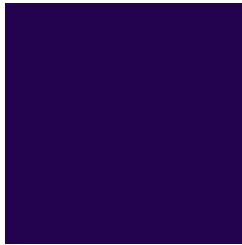
262225



E60085

# Previews

## White Background



This preview shows how the Hex color 23034F looks on a white background.

## Color Contrast Check

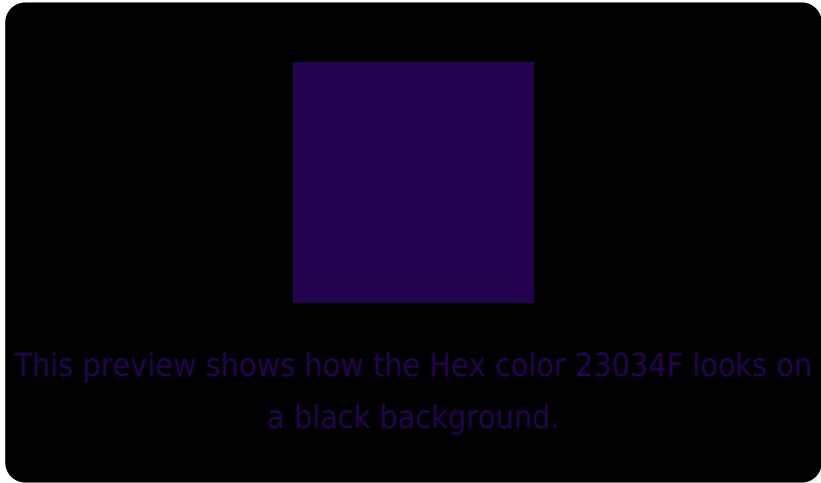
Large Text (above 18pt) WCAG AA ✓ Pass

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

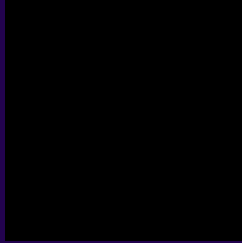
Any Text WCAG AA × Fail

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 23034F Background



This preview shows how black text looks on a background with the Hex color 23034F.



This preview shows how white text looks on a background with the Hex color 23034F.

# 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**  
23034F

**Protanopia**  
001C3B

**Deuteranopia**  
001E32





**Tritanopia**  
131F21

# Trichromacy



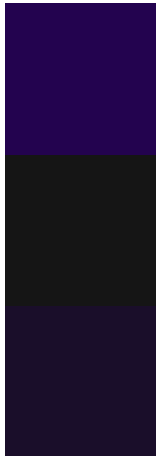
**Original Color**  
23034F

**Protanomaly**  
0D1342

**Deuteranomaly**  
0D143D

**Tritanomaly**  
191532

# Monochromacy



**Original Color**  
23034F

**Achromatopsia**  
151515

**Achromatomaly**  
1A0E2A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 23034F 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 #23034F looks like.

```
.text, #text, p{  
    color:#23034F  
}
```

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 #23034F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23034F  
}
```

## Border

The CSS property to change the border of an element to Hex 23034F 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  
#23034F }
```

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

```
.border{ border-color:#23034F }
```

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

Here you see how a box with a 4 pixel #23034F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23034F; -webkit-box-shadow:4px 4px  
4px 4px #23034F; box-shadow:4px 4px 4px  
4px #23034F }
```

# Background

The CSS property to change the background color of an element to Hex 23034F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23034F }
```

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

```
.background{ background-color:#23034F }
```

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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