

# Converting Colors

Hex(32004F)

Have a look what the booklet for  
Hex(32004F) contains.

<b>Hex(32004F)</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> .....	21
<i><b>Color Blindness Simulation</b></i> .....	24
<i><b>CSS Examples</b></i> .....	27

# Color

**Hex(32004F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	32004F
RGB	50, 0, 79
RGB Percent	20%, 0%, 31%
CMY	0.8039, 1.0000, 0.6902
CMYK	0.37, 1.00, 0.00, 0.69
HSL	278°, 100%, 15%
HSV	278°, 100%, 31%
XYZ	2.7267, 1.2426, 7.4933
YIQ	23.9560, 4.4410, 35.1690

# Conversions

## Conversions Part 2

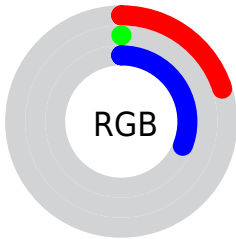
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	50, 0, 79
Decimal	3276879
CIE <sub>Lab</sub>	10.87, 37.25, -35.64
CIE <sub>LCh</sub>	11, 51.551, 316.270
Yxy	1.2426, 0.2379, 0.1084
Android (android.graphics.Color)	4281466959 (0xFF32004F)
YUV	23.9560, 27.1367, 22.8406
Hunter-Lab	11.1473, 24.1541, -32.0519

# Details

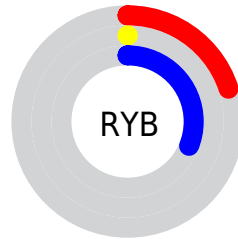
The Hex color **32004F** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **1D4F00**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **653281**, and **000221** is the 20% darker color. If you saturate the color by 10%, you get **32004F**, and if you desaturate by 10%, it is **35084F**.

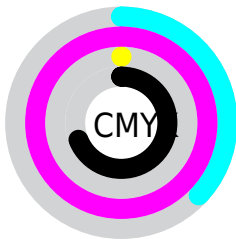
# Distribution



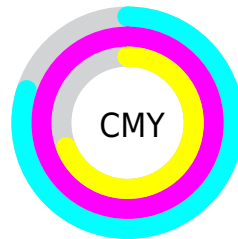
- Red (20%)
- Green (0%)
- Blue (31%)



- Red (20%)
- Yellow (0%)
- Blue (31%)



- Cyan (37%)
- Magenta (100%)
- Yellow (0%)
- Black (69%)



- Cyan (80%)
- Magenta (100%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 32004F 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 32004F by changing the saturation by 10% instead.



 32004F

 32004F

 FFEBFF

 1E0038

 653281

 000221

 7F4A9B

 000006

 9A63B6

 000000

 B57DD2

 D297EF

 EEB2FF

 FFCEFF

 32004F

■ 35084F

■ 38104F

■ 3B184F

■ 3E204F

■ 41284F

■ 432F4F

■ 46374F

■ 493F4F

■ 4C474F

# Harmonies

## Analogous

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



001D63



32004F



50002F

# Triad

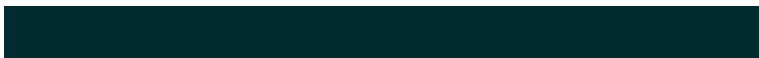
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



32004F



331600



002B30

# Complementary

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



32004F



1D4F00

# 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.



002A07



32004F



132200

# Square

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



32004F



490000



002800



002B51

# Rectangle

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



32004F



550018



002800



002B24



# Sweetspot

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



32004F



5B4766



001E4F



2C2133



B3B3B3



333333



# Same Dimension

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



32004F



410066



4F0046



252226



9100E6

# Inverse Universe

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



4F001D



660025



004F09



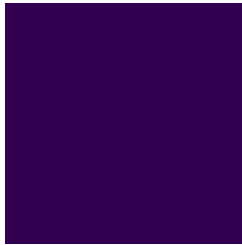
262224



E60054

# Previews

## White Background



This preview shows how the Hex color 32004F looks on a white background.

## Color Contrast Check

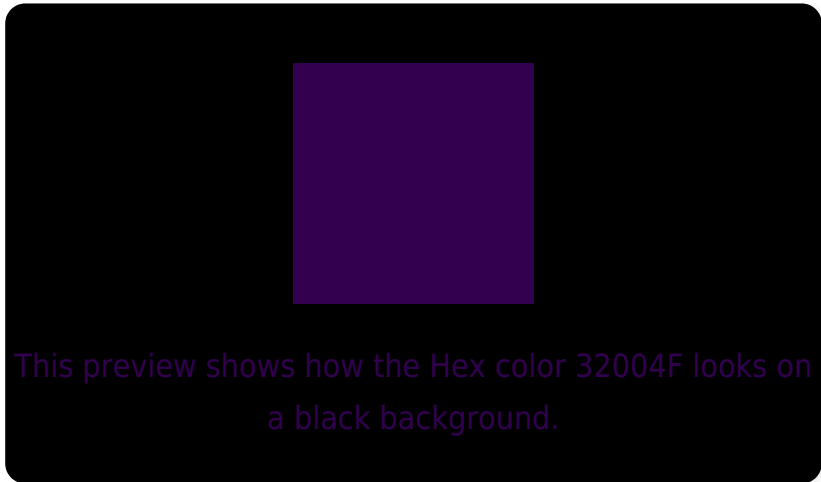
Large Text (above 18pt) WCAG AA ✓ Pass

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

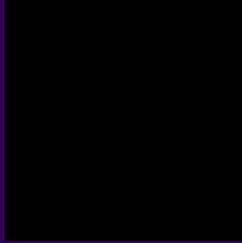
Any Text WCAG AA × Fail

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 32004F Background



This preview shows how black text looks on a background with the Hex color 32004F.



This preview shows how white text looks on a background with the Hex color 32004F.

# 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**  
32004F

**Protanopia**  
002144

**Deuteranopia**  
00233B





**Tritanopia**  
291F21

# Trichromacy



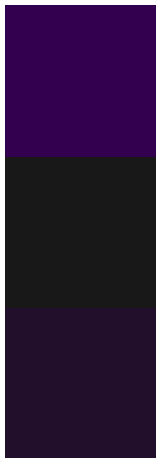
**Original Color**  
32004F

**Protanomaly**  
121548

**Deuteranomaly**  
121642

**Tritanomaly**  
2C1432

# Monochromacy



**Original Color**  
32004F

**Achromatopsia**  
181818

**Achromatomaly**  
210F2C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 32004F 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 #32004F looks like.

```
.text, #text, p{  
    color:#32004F  
}
```

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 #32004F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32004F
}
```

## Border

The CSS property to change the border of an element to Hex 32004F 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
#32004F }
```

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

```
.border{ border-color:#32004F }
```

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

Here you see how a box with a 4 pixel #32004F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32004F; -webkit-box-shadow:4px 4px  
4px 4px #32004F; box-shadow:4px 4px 4px  
4px #32004F }
```

# Background

The CSS property to change the background color of an element to Hex 32004F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32004F }
```

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

```
.background{ background-color:#32004F }
```

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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