

# Converting Colors

Hex(32368F)

Have a look what the booklet for  
Hex(32368F) contains.

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# Color

**Hex(32368F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	32368F
RGB	50, 54, 143
RGB Percent	20%, 21%, 56%
CMY	0.8039, 0.7882, 0.4392
CMYK	0.65, 0.62, 0.00, 0.44
HSL	237°, 48%, 38%
HSV	237°, 65%, 56%
XYZ	7.5925, 5.2996, 26.6094
YIQ	62.9500, -30.9530, 26.8310

# Conversions

## Conversions Part 2

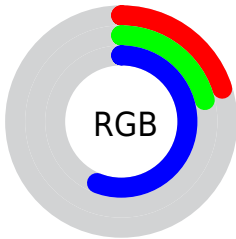
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 54, 143
Decimal	3290767
CIELab	27.57, 27.53, -49.92
CIELCh	28, 57.005, 298.875
Yxy	5.2996, 0.1922, 0.1342
Android (android.graphics.Color)	4281480847 (0xFF32368F)
YUV	62.9500, 39.4647, -11.3571
Hunter-Lab	23.0209, 18.5843, -52.4174

# Details

The Hex color **32368F** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **8F8B32**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **6B65C6**, and **000D5C** is the 20% darker color. If you saturate the color by 10%, you get **24288F**, and if you desaturate by 10%, it is **40448F**.

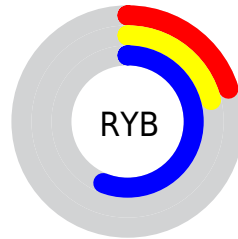
# Distribution



Red (20%)

Green (21%)

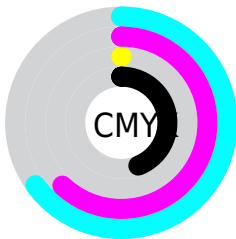
Blue (56%)



Red (20%)

Yellow (21%)

Blue (56%)

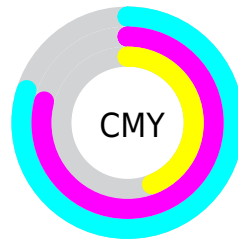


Cyan (65%)

Magenta (62%)

Yellow (0%)

Black (44%)



Cyan (80%)

Magenta (79%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 32368F 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 32368F by changing the saturation by 10% instead.



■ 32368F

■ 32368F

FFFFFF

■ 0C2175

■ 6B65C6

■ 000D5C

■ 877EE2

■ 000043

■ A398FF

■ 00032C

■ C0B3FF

■ 000117

■ DDCEFF

■ 000000

■ FAEAFF

■ 32368F

■ 32368F

■ 24288F

■ 40448F

■ 151B8F

■ 4F518F

■ 070D8F

■ 5D5F8F

■ 00068F

■ 6B6D8F

■ 7A7A8F

■ 88888F

■ 96968F

■ A4A38F

■ B3B18F

# Harmonies

## Analogous

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



00489A



32368F



72166F

# Triad

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



32368F



732B00



00523E

# Complementary

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



32368F



8F8B32

# 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.



00500D



32368F



523F00

# Square

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



32368F



87031A



274A00



00536B

# Rectangle

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



32368F



840053



274A00



00522F



# Sweetspot

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



32368F



9597BA



328F8A



48495E



DEDEDE



5E5E5E



# Same Dimension

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



32368F



292FBA



5C328F



404147



000687



000008



# Inverse Universe

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



8F3236



BA292F



658F32



474041



870006

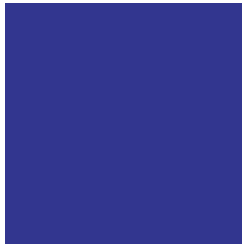


080000



# Previews

## White Background



This preview shows how the Hex color 32368F looks on a white background.

## Color Contrast Check

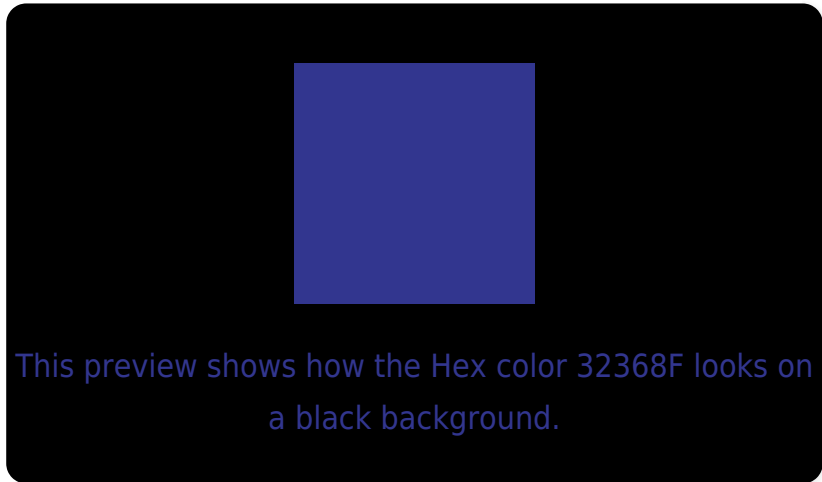
Large Text (above 18pt) WCAG AA ✓ Pass

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

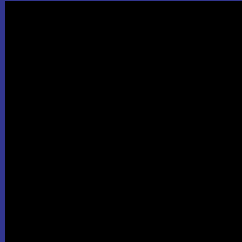
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 32368F Background



This preview shows how black text looks on a background with the Hex color 32368F.



This preview shows how white text looks on a background with the Hex color 32368F.

# 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**  
32368F

**Protanopia**  
003F85

**Deuteranopia**  
004372



# Trichromacy



**Original Color**

32368F

**Protanomaly**

123C89

**Deuteranomaly**

123E7D

**Tritanomaly**

124166

# Monochromacy



**Original Color**

32368F

**Achromatopsia**

3F3F3F

**Achromatomaly**

3A3C5C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 32368F 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 #32368F looks like.

```
.text, #text, p{  
  color:#32368F  
}
```

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 #32368F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32368F
}
```

## Border

The CSS property to change the border of an element to Hex 32368F is called "border". The border property can be set on classes, ids or directly on the HTML element.

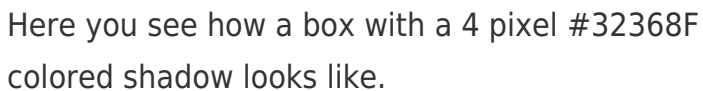
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#32368F }
```

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

```
.border{ border-color:#32368F }
```

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



Here you see how a box with a 4 pixel #32368F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32368F; -webkit-box-shadow:4px 4px  
4px 4px #32368F; box-shadow:4px 4px 4px  
4px #32368F }
```

# Background

The CSS property to change the background color of an element to Hex 32368F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32368F }
```

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

```
.background{ background-color:#32368F }
```

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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