

# Converting Colors

Hex(332B93)

Have a look what the booklet for  
Hex(332B93) contains.

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# Color

**Hex(332B93)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	332B93
RGB	51, 43, 147
RGB Percent	20%, 17%, 58%
CMY	0.8000, 0.8314, 0.4235
CMYK	0.65, 0.71, 0.00, 0.42
HSL	245°, 55%, 37%
HSV	245°, 71%, 58%
XYZ	7.4956, 4.5381, 28.0847
YIQ	57.2480, -28.6160, 34.0400

# Conversions

## Conversions Part 2

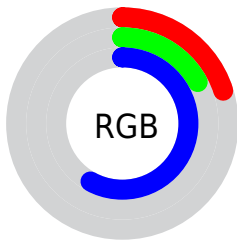
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 43, 147
Decimal	3353491
CIELab	25.38, 36.07, -55.97
CIELCh	25, 66.589, 302.799
Yxy	4.5381, 0.1868, 0.1131
Android (android.graphics.Color)	4281543571 (0xFF332B93)
YUV	57.2480, 44.2477, -5.4795
Hunter-Lab	21.3029, 25.5263, -63.2528

# Details

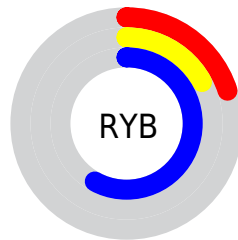
The Hex color **332B93** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **8B932B**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **6D5ACA**, and **00015F** is the 20% darker color. If you saturate the color by 10%, you get **251C93**, and if you desaturate by 10%, it is **413A93**.

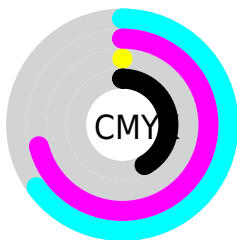
# Distribution



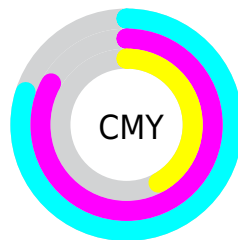
- Red (20%)
- Green (17%)
- Blue (58%)



- Red (20%)
- Yellow (17%)
- Blue (58%)



- Cyan (65%)
- Magenta (71%)
- Yellow (0%)
- Black (42%)



- Cyan (80%)
- Magenta (83%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 332B93 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 332B93 by changing the saturation by 10% instead.





332B93



332B93

FFFFFF



0A1579



6D5ACA



00015F



8A73E7



000047



A68CFF



00042F



C3A7FF



000119



E0C2FF



000000



FEDEFF



FFFBFF



332B93



332B93

■ 251C93

■ 413A93

■ 180E93

■ 4E4893

■ 0B0093

■ 5C5793

■ 696693

■ 777493

■ 848393

■ 929293

■ A0A193

■ ADAF93

# Harmonies

## Analogous

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



0043A4



332B93



78006B

# Triad

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



332B93



6E2500



004E40

# Complementary

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



332B93



8B932B

# 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.



004C04



332B93



473C00

# Square

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



332B93



880006



044800



004F72

# Rectangle

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



332B93



8A004B



044800



004E2E



# Sweetspot

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



332B93



9A97BF



2B8C93



4B4961



E0E0E0



616161



# Same Dimension

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



332B93



291DBF



662B93



43434A



0B008A



01000A



# Inverse Universe

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



932B8B



BF1DB3



58932B



4A4349



8A007F

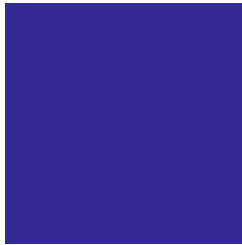


0A0009



# Previews

## White Background



This preview shows how the Hex color 332B93 looks on a white background.

## Color Contrast Check

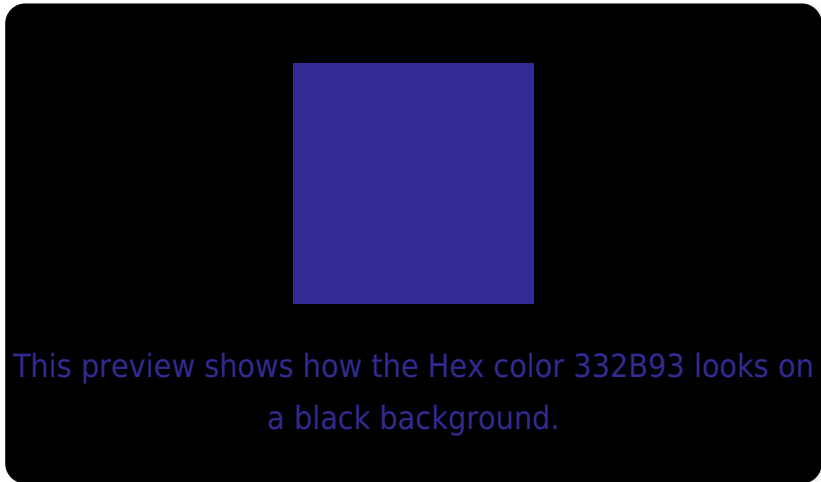
Large Text (above 18pt) WCAG AA ✓ Pass

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

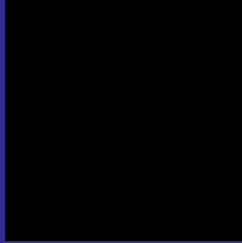
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 332B93 Background



This preview shows how black text looks on a background with the Hex color 332B93.



This preview shows how white text looks on a background with the Hex color 332B93.

# 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**  
332B93

**Protanopia**  
003A7B

**Deuteranopia**  
003E69



# Trichromacy



**Original Color**  
332B93

**Protanomaly**  
133584

**Deuteranomaly**  
133778

**Tritanomaly**  
133A63

# Monochromacy



**Original Color**  
332B93

**Achromatopsia**  
393939

**Achromatomaly**  
37345A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 332B93 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 #332B93 looks like.

```
.text, #text, p{  
    color:#332B93  
}
```

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 #332B93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #332B93
}
```

## Border

The CSS property to change the border of an element to Hex 332B93 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
#332B93 }
```

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

```
.border{ border-color:#332B93 }
```

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

Here you see how a box with a 4 pixel #332B93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #332B93; -webkit-box-shadow:4px 4px  
4px 4px #332B93; box-shadow:4px 4px 4px  
4px #332B93 }
```

# Background

The CSS property to change the background color of an element to Hex 332B93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#332B93 }
```

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

```
.background{ background-color:#332B93 }
```

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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