

Converting Colors

Hex(332F79)

Have a look what the booklet for
Hex(332F79) contains.

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Color

Hex(332F79)

Conversions

Conversions Part 1

Format	Color
Hex	332F79
RGB	51, 47, 121
RGB Percent	20%, 18%, 47%
CMY	0.8000, 0.8157, 0.5255
CMYK	0.58, 0.61, 0.00, 0.53
HSL	243°, 44%, 33%
HSV	243°, 61%, 47%
XYZ	5.8329, 4.1173, 18.5765
YIQ	56.6320, -21.3700, 23.8620

Conversions

Conversions Part 2

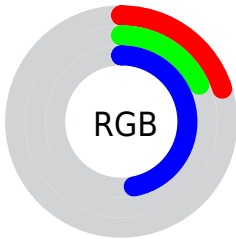
Format	Color
RYB	51, 47, 121
Decimal	3354489
CIELab	24.06, 24.57, -41.86
CIELCh	24, 48.540, 300.406
Yxy	4.1173, 0.2045, 0.1443
Android (android.graphics.Color)	4281544569 (0xFF332F79)
YUV	56.6320, 31.7334, -4.9393
Hunter-Lab	20.2912, 15.8025, -40.0759

Details

The Hex color **332F79** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **75792F**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **685DAE**, and **000348** is the 20% darker color. If you saturate the color by 10%, you get **282379**, and if you desaturate by 10%, it is **3E3B79**.

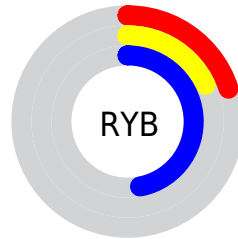
Distribution



Red (20%)

Green (18%)

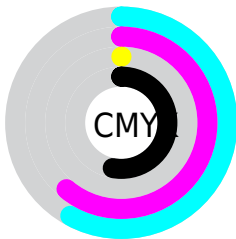
Blue (47%)



Red (20%)

Yellow (18%)

Blue (47%)

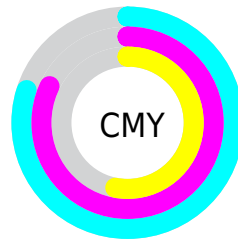


Cyan (58%)

Magenta (61%)

Yellow (0%)

Black (53%)



Cyan (80%)

Magenta (82%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 332F79 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 332F79 by changing the saturation by 10% instead.



332F79



332F79

FFFFFF



151A60



685DAE



000348



8376CA



000430



9E90E6



00011A



BAAAFF



000000



D7C6FF



F4E2FF



FFFEFF



332F79



332F79

■ 282379

■ 3E3B79

■ 1C1779

■ 4A4779

■ 110B79

■ 555379

■ 070079

■ 615F79

■ 6C6B79

■ 787879

■ 838479

■ 8F9079

■ 9A9C79

Harmonies

Analogous

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



003E83



332F79



64175E

Triad

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



332F79



632800



004839

Complementary

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



332F79



75792F

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.



004611



332F79



473800

Square

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



332F79



741017



234100



00485D

Rectangle

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



332F79



720347



234100



00482C

Sweetspot

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



332F79



83829E



2F7579



3F3E4F



CFCFCF



4F4F4F

Same Dimension

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



332F79



312B9E



582F79



37373D



07007D



0E00FC

Inverse Universe

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



792F75



9E2B98



50792F



3D373D



7D0076



FC00EF

Previews

White Background



This preview shows how the Hex color 332F79 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

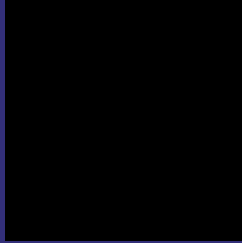
Any Text WCAG AA × Fail

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 332F79 Background



This preview shows how black text looks on a background with the Hex color 332F79.



This preview shows how white text looks on a background with the Hex color 332F79.

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](#).

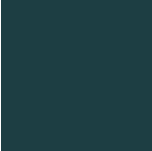
Dichromacy



Original Color
332F79

Protanopia
003775

Deuteranopia
003B65



Tritanopia
1D3E43

Trichromacy



Original Color
332F79

Protanomaly
133476

Deuteranomaly
13376C

Tritanomaly
253957

Monochromacy



Original Color
332F79

Achromatopsia
393939

Achromatomaly
373550

CSS Examples

Text

The CSS property to change the color of the text to Hex 332F79 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 #332F79 looks like.

```
.text, #text, p{  
    color:#332F79  
}
```

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 #332F79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #332F79
}
```

Border

The CSS property to change the border of an element to Hex 332F79 is called "border". The border property can be set on classes, ids or directly on the HTML element.

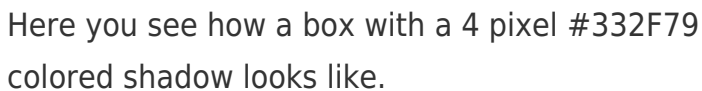
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#332F79 }
```

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

```
.border{ border-color:#332F79 }
```

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



Here you see how a box with a 4 pixel `#332F79` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #332F79; -webkit-box-shadow:4px 4px  
4px 4px #332F79; box-shadow:4px 4px 4px  
4px #332F79 }
```

Background

The CSS property to change the background color of an element to Hex 332F79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#332F79 }
```

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

```
.background{ background-color:#332F79 }
```

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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