

Converting Colors

Hex(322493)

Have a look what the booklet for
Hex(322493) contains.

Hex(322493)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(322493)

Conversions

Conversions Part 1

Format	Color
Hex	322493
RGB	50, 36, 147
RGB Percent	20%, 14%, 58%
CMY	0.8039, 0.8588, 0.4235
CMYK	0.66, 0.76, 0.00, 0.42
HSL	248°, 61%, 36%
HSV	248°, 76%, 58%
XYZ	7.2127, 4.0464, 28.0047
YIQ	52.8400, -27.2870, 37.4890

Conversions

Conversions Part 2

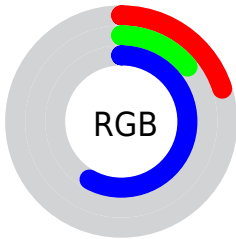
Format	Color
RYB	50, 36, 147
Decimal	3286163
CIELab	23.82, 40.03, -58.53
CIELCh	24, 70.906, 304.369
Yxy	4.0464, 0.1837, 0.1031
Android (android.graphics.Color)	4281476243 (0xFF322493)
YUV	52.8400, 46.4209, -2.4907
Hunter-Lab	20.1158, 28.8005, -68.4609

Details


The Hex color **322493** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **859324**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **6D53CA**, and **00005F** is the 20% darker color. If you saturate the color by 10%, you get **251593**, and if you desaturate by 10%, it is **3F3393**.

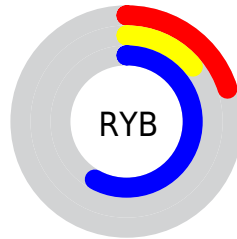
Distribution



 Red (20%)

 Green (14%)

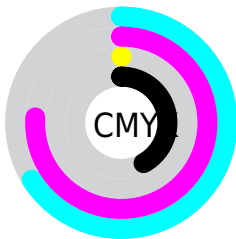
 Blue (58%)




 Red (20%)

 Yellow (14%)

 Blue (58%)

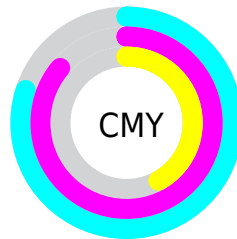


 Cyan (66%)


 Magenta (76%)

 Yellow (0%)

 Black (42%)



 Cyan (80%)

 Magenta (86%)

 Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 322493 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 322493 by changing the saturation by 10% instead.

■ 322493

■ 322493

FFFFFF

■ 060D79

■ 6D53CA

■ 00005F

■ 8A6CE7

■ 000046

■ A685FF

■ 00042F

■ C3A0FF

■ 000119

■ E1BBFF

■ 000000

■ FFD7FF

■ FFF4FF

■ 322493

■ 322493

■ 251593

■ 3F3393

■ 180793

■ 4C4193

■ 130093

■ 595093

■ 655F93

■ 726E93

■ 7F7C93

■ 8C8B93

■ 999A93

■ A6A893

Harmonies

Analogous

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



003FA6



322493



7A0068

Triad

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



322493



692100



004B40

Complementary

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



322493



859324

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.



004900



322493



403A00

Square

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



322493



860000



004500



004C75

Rectangle

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



322493



8B0045



004500



004B2D

Sweetspot

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



322493



9993BF



248693



494661



E0E0E0



616161

Same Dimension

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



322493



2711BF



682493



43434A



11008A



01000A

Inverse Universe

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



932485



BF11A9



4F9324



4A4349



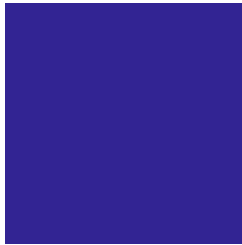
8A0078



0A0009

Previews

White Background



This preview shows how the Hex color 322493 looks on a white background.

Color Contrast Check

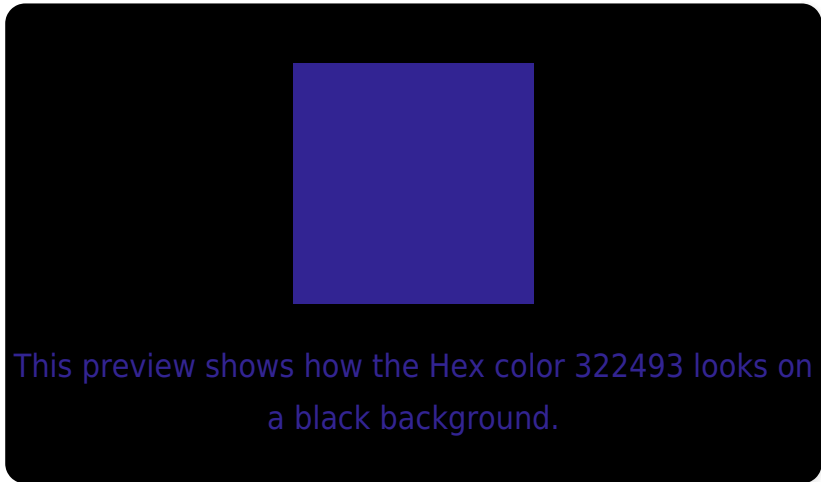
Large Text (above 18pt) WCAG AA ✓ Pass

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

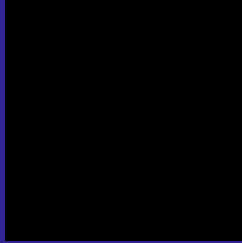
Any Text WCAG AA × Fail

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 322493 Background



This preview shows how black text looks on a background with the Hex color 322493.



This preview shows how white text looks on a background with the Hex color 322493.

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
322493

Protanopia
003774

Deuteranopia
003B63



Tritanopia
003F44

Trichromacy



Original Color
322493

Protanomaly
12307F

Deuteranomaly
123374

Tritanomaly
123561

Monochromacy



Original Color
322493

Achromatopsia
353535

Achromatomaly
342F57

CSS Examples

Text

The CSS property to change the color of the text to Hex 322493 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 #322493 looks like.

```
.text, #text, p{  
    color:#322493  
}
```

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 #322493 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #322493
}
```

Border

The CSS property to change the border of an element to Hex 322493 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
#322493 }
```

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

```
.border{ border-color:#322493 }
```

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

Here you see how a box with a 4 pixel #322493 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #322493; -webkit-box-shadow:4px 4px  
4px 4px #322493; box-shadow:4px 4px 4px  
4px #322493 }
```

Background

The CSS property to change the background color of an element to Hex 322493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#322493 }
```

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

```
.background{ background-color:#322493 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor