

Converting Colors

Hex(3A2491)

Have a look what the booklet for
Hex(3A2491) contains.

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Color

Hex(3A2491)

Conversions

Conversions Part 1

Format	Color
Hex	3A2491
RGB	58, 36, 145
RGB Percent	23%, 14%, 57%
CMY	0.7725, 0.8588, 0.4314
CMYK	0.60, 0.75, 0.00, 0.43
HSL	252°, 60%, 35%
HSV	252°, 75%, 57%
XYZ	7.4866, 4.2056, 27.2052
YIQ	55.0040, -21.8770, 38.5630

Conversions

Conversions Part 2

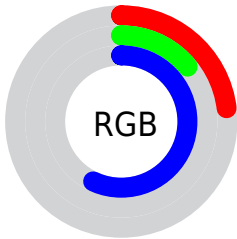
Format	Color
R_{YB}	58, 36, 145
Decimal	3810449
CIE _{Lab}	24.34, 40.45, -56.42
CIE _{LCh}	24, 69.421, 305.642
Yxy	4.2056, 0.1925, 0.1081
Android (android.graphics.Color)	4282000529 (0xFF3A2491)
YUV	55.0040, 44.3680, 2.6275
Hunter-Lab	20.5076, 29.2759, -64.2983

Details

The Hex color **3A2491** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **7B9124**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **7353C8**, and **00005D** is the 20% darker color. If you saturate the color by 10%, you get **2E1691**, and if you desaturate by 10%, it is **463391**.

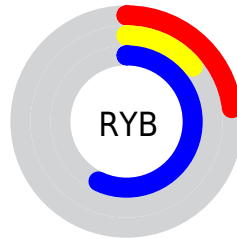
Distribution



 Red (23%)

 Green (14%)

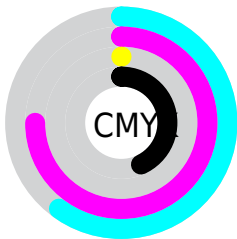
 Blue (57%)




 Red (23%)

 Yellow (14%)

 Blue (57%)

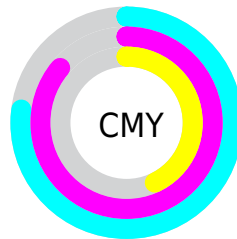


 Cyan (60%)

 Magenta (75%)

 Yellow (0%)

 Black (43%)



 Cyan (77%)

 Magenta (86%)

 Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A2491 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 3A2491 by changing the saturation by 10% instead.

■ 3A2491

■ 3A2491

FFFFFF

■ 180C77

■ 7353C8

■ 00005D

■ 8F6CE4

■ 000045

■ AC86FF

■ 00032D

■ C9A1FF

■ 000118

■ E6BCFF

■ 000000

■ FFD8FF

■ FFF5FF

■ 3A2491

■ 3A2491

■ 2E1691

■ 463391

■ 230791

■ 514191

■ 1D0091

■ 5D5091

■ 685E91

■ 746D91

■ 7F7B91

■ 8B8A91

■ 979891

■ A2A691

Harmonies

Analogous

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



003FA5



3A2491



7B0066

Triad

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



3A2491



692400



004C43

Complementary

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



3A2491



7B9124

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.



004A06



3A2491



3F3C00

Square

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



3A2491



850000



004600



004D77

Rectangle

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



3A2491



8C0044



004600



004C30

Sweetspot

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



3A2491



9A91BD



247B91



49445E



DEDEDE



5E5E5E

Same Dimension

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



3A2491



3513BD



702491



424047



1B0087



020008

Inverse Universe

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



91247B



BD139A



459124



474046



87006C



080006

Previews

White Background



This preview shows how the Hex color 3A2491 looks on a white background.

Color Contrast Check

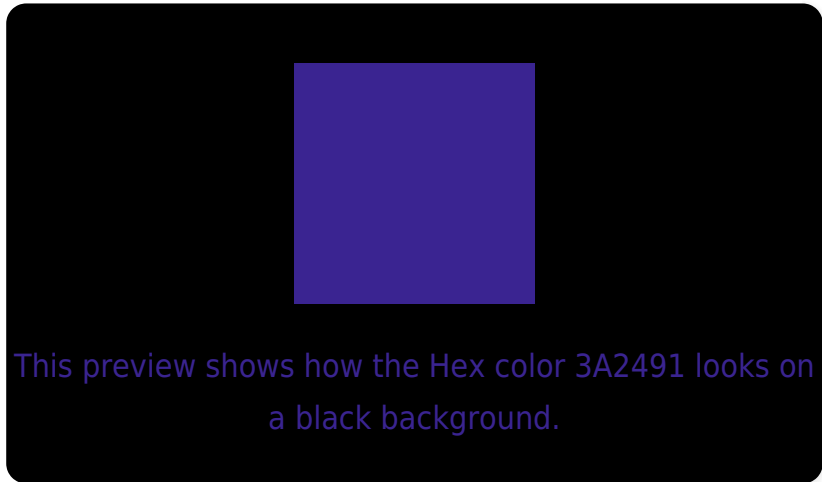
Large Text (above 18pt) WCAG AA ✓ Pass

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

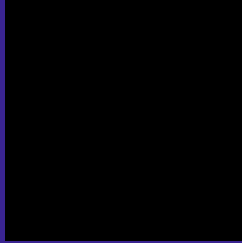
Any Text WCAG AA × Fail

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 3A2491 Background



This preview shows how black text looks on a background with the Hex color 3A2491.



This preview shows how white text looks on a background with the Hex color 3A2491.

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
3A2491

Protanopia
003877

Deuteranopia
003C65



Tritanopia
164045

Trichromacy



Original Color
3A2491

Protanomaly
153180

Deuteranomaly
153375

Tritanomaly
233661

Monochromacy



Original Color
3A2491

Achromatopsia
373737

Achromatomaly
383058

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A2491 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 #3A2491 looks like.

```
.text, #text, p{  
    color:#3A2491  
}
```

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 #3A2491 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A2491
}
```

Border

The CSS property to change the border of an element to Hex 3A2491 is called "border". The border property can be set on classes, ids or directly on the HTML element.

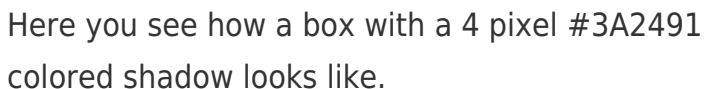
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A2491 }
```

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

```
.border{ border-color:#3A2491 }
```

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



Here you see how a box with a 4 pixel #3A2491 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A2491; -webkit-box-shadow:4px 4px  
4px 4px #3A2491; box-shadow:4px 4px 4px  
4px #3A2491 }
```

Background

The CSS property to change the background color of an element to Hex 3A2491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A2491 }
```

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

```
.background{ background-color:#3A2491 }
```

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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