

Converting Colors

Hex(3D2B94)

Have a look what the booklet for
Hex(3D2B94) contains.

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Color

Hex(3D2B94)

Conversions

Conversions Part 1

Format	Color
Hex	3D2B94
RGB	61, 43, 148
RGB Percent	24%, 17%, 58%
CMY	0.7608, 0.8314, 0.4196
CMYK	0.59, 0.71, 0.00, 0.42
HSL	250°, 55%, 37%
HSV	250°, 71%, 58%
XYZ	8.1336, 4.8580, 28.5260
YIQ	60.3520, -22.9770, 36.4710

Conversions

Conversions Part 2

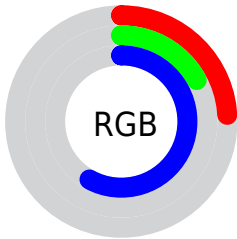
Format	Color
R _Y B	61, 43, 148
Decimal	4008852
CIE Lab	26.33, 37.90, -55.00
CIE LCh	26, 66.790, 304.568
Yxy	4.8580, 0.1959, 0.1170
Android (android.graphics.Color)	4282198932 (0xFF3D2B94)
YUV	60.3520, 43.2105, 0.5683
Hunter-Lab	22.0408, 27.2998, -61.3066




Details

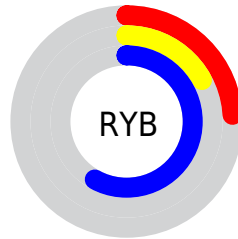
The Hex color **3D2B94** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **82942B**, and the grayscale version is **3C3C3C**.




A 20% lighter version of the original color is **765ACB**, and **000060** is the 20% darker color. If you saturate the color by 10%, you get **311C94**, and if you desaturate by 10%, it is **493A94**.

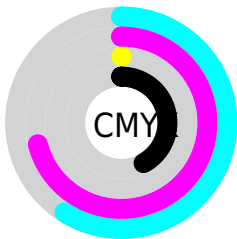
Distribution







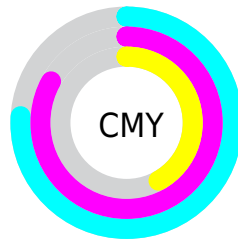
-  Red (24%)
-  Green (17%)
-  Blue (58%)






-  Red (24%)
-  Yellow (17%)
-  Blue (58%)



-  Cyan (59%)
-  Magenta (71%)
-  Yellow (0%)
-  Black (42%)



-  Cyan (76%)
-  Magenta (83%)
-  Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D2B94 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 3D2B94 by changing the saturation by 10% instead.



3D2B94



3D2B94

FFFFFF



1C157A



765ACB



000060



9273E8



000048



AE8DFF



000430



CBA8FF



00011A



E9C3FF



000000



FFE0FF



FFFCFF



3D2B94



3D2B94

■ 311C94

■ 493A94

■ 240D94

■ 564994

■ 190094

■ 625794

■ 6E6694

■ 7A7594

■ 878494

■ 939394

■ 9FA194

■ ABB094

Harmonies

Analogous

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



0044A7



3D2B94



7D006B

Triad

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



3D2B94



6E2900



005145

Complementary

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



3D2B94



82942B

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.



004F0B



3D2B94



473F00

Square

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



3D2B94



8A0004



004A00



005278

Rectangle

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



3D2B94



8E004A



004A00



005133

Sweetspot

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



3D2B94



9E97BF



2B8394



4D4961



E0E0E0



616161

Same Dimension

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



3D2B94



391DBF



712B94



44434A



18008A



02000A

Inverse Universe

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



942B82



BF1DA3



4E942B



4A4349



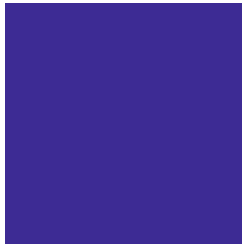
8A0072



0A0008

Previews

White Background



This preview shows how the Hex color 3D2B94 looks on a white background.

Color Contrast Check

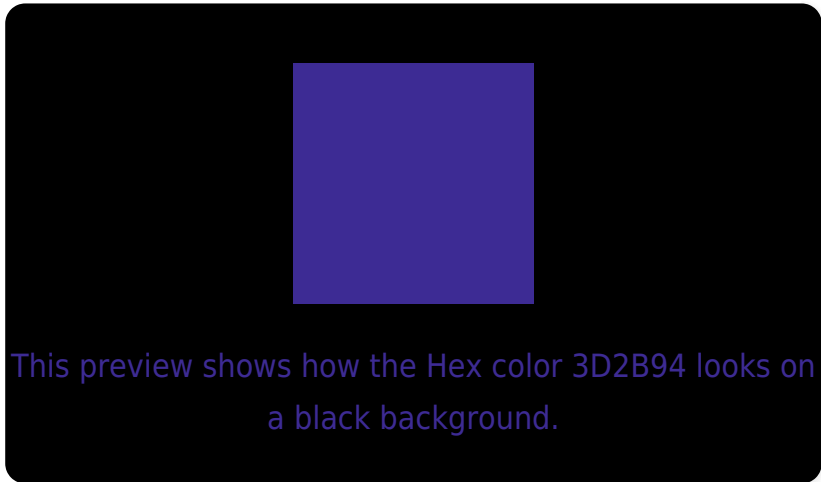
Large Text (above 18pt) WCAG AA ✓ Pass

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

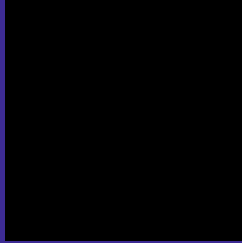
Any Text WCAG AA × Fail

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 3D2B94 Background



This preview shows how black text looks on a background with the Hex color 3D2B94.



This preview shows how white text looks on a background with the Hex color 3D2B94.

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](#).

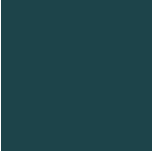
Dichromacy



Original Color
3D2B94

Protanopia
003C7F

Deuteranopia
00406D



Tritanopia
1D444A

Trichromacy



Original Color
3D2B94

Protanomaly
163687

Deuteranomaly
16387B

Tritanomaly
293B65

Monochromacy



Original Color
3D2B94

Achromatopsia
3C3C3C

Achromatomaly
3C365C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D2B94 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 #3D2B94 looks like.

```
.text, #text, p{  
    color:#3D2B94  
}
```

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 #3D2B94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D2B94
}
```

Border

The CSS property to change the border of an element to Hex 3D2B94 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
#3D2B94 }
```

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

```
.border{ border-color:#3D2B94 }
```

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

Here you see how a box with a 4 pixel #3D2B94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D2B94; -webkit-box-shadow:4px 4px  
4px 4px #3D2B94; box-shadow:4px 4px 4px  
4px #3D2B94 }
```

Background

The CSS property to change the background color of an element to Hex 3D2B94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D2B94 }
```

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

```
.background{ background-color:#3D2B94 }
```

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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