

Converting Colors

Hex(3D3C94)

Have a look what the booklet for
Hex(3D3C94) contains.

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Color

Hex(3D3C94)

Conversions

Conversions Part 1

Format	Color
Hex	3D3C94
RGB	61, 60, 148
RGB Percent	24%, 24%, 58%
CMY	0.7608, 0.7647, 0.4196
CMYK	0.59, 0.59, 0.00, 0.42
HSL	241°, 42%, 41%
HSV	241°, 59%, 58%
XYZ	8.8856, 6.3619, 28.7766
YIQ	70.3310, -27.6520, 27.5800

Conversions

Conversions Part 2

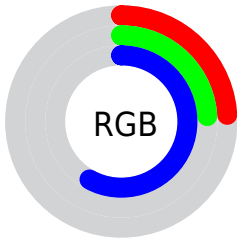
Format	Color
R _Y B	61, 60, 148
Decimal	4013204
CIE Lab	30.31, 27.32, -48.51
CIE LCh	30, 55.674, 299.393
Yxy	6.3619, 0.2018, 0.1445
Android (android.graphics.Color)	4282203284 (0xFF3D3C94)
YUV	70.3310, 38.2908, -8.1833
Hunter-Lab	25.2229, 18.7427, -49.9876

Details

The Hex color **3D3C94** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **93943C**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **756CCB**, and **001260** is the 20% darker color. If you saturate the color by 10%, you get **2E2D94**, and if you desaturate by 10%, it is **4C4B94**.

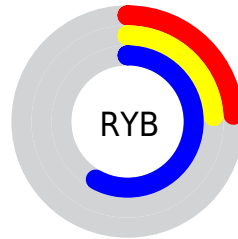
Distribution



Red (24%)

Green (24%)

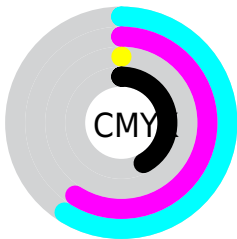
Blue (58%)



Red (24%)

Yellow (24%)

Blue (58%)

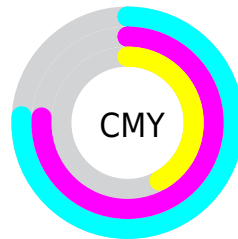


Cyan (59%)

Magenta (59%)

Yellow (0%)

Black (42%)



Cyan (76%)

Magenta (76%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D3C94 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 3D3C94 by changing the saturation by 10% instead.



3D3C94



3D3C94

FFFFFF



1E267A



756CCB



001260



9085E7



000048



AC9FFF



000430



C9BAFF



00011B



E6D6FF



000000



FFF2FF



3D3C94



3D3C94



2E2D94



4C4B94

■ 201E94

■ 5A5A94

■ 111094

■ 696894

■ 020194

■ 787794

■ 020094

■ 868694

■ 959594

■ A3A494

■ B2B294

■ C1C194

Harmonies

Analogous

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



004E9F



3D3C94



792074

Triad

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



3D3C94



793200



005945

Complementary

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



3D3C94



93943C

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.



005716



3D3C94



594500

Square

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



3D3C94



8E1520



2E5100



005971

Rectangle

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



3D3C94



8B0759



2E5100



005936

Sweetspot

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



3D3C94



9D9DBF



3C9494



4C4C61



E0E0E0



616161

Same Dimension

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



3D3C94



3937BF



683C94



43434A



02008A



00000A

Inverse Universe

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



943C93



BF37BE



68943C



4A434A



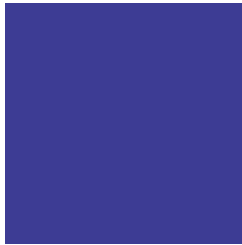
8A0088



0A000A

Previews

White Background



This preview shows how the Hex color 3D3C94 looks on a white background.

Color Contrast Check

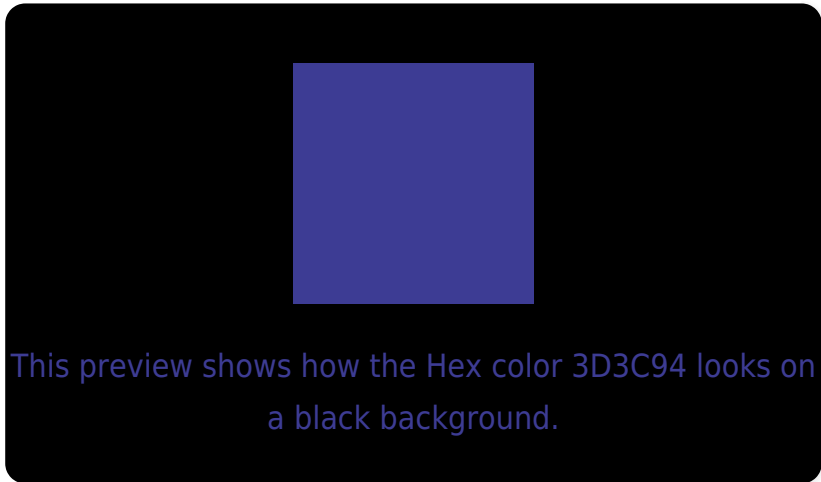
Large Text (above 18pt) WCAG AA ✓ Pass

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

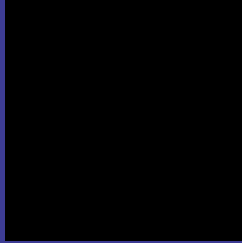
Any Text WCAG AA × Fail

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 3D3C94 Background



This preview shows how black text looks on a background with the Hex color 3D3C94.



This preview shows how white text looks on a background with the Hex color 3D3C94.

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





Tritanopia
214E54

Trichromacy



Original Color
3D3C94

Protanomaly
164293

Deuteranomaly
164486

Tritanomaly
2B476B

Monochromacy



Original Color
3D3C94

Achromatopsia
464646

Achromatomaly
434262

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D3C94 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 #3D3C94 looks like.

```
.text, #text, p{  
    color:#3D3C94  
}
```

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 #3D3C94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D3C94
}
```

Border

The CSS property to change the border of an element to Hex 3D3C94 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
#3D3C94 }
```

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

```
.border{ border-color:#3D3C94 }
```

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

Here you see how a box with a 4 pixel #3D3C94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D3C94; -webkit-box-shadow:4px 4px  
4px 4px #3D3C94; box-shadow:4px 4px 4px  
4px #3D3C94 }
```

Background

The CSS property to change the background color of an element to Hex 3D3C94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D3C94 }
```

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

```
.background{ background-color:#3D3C94 }
```

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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