

Converting Colors

Hex(3D4A84)

Have a look what the booklet for
Hex(3D4A84) contains.

Hex(3D4A84)	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(3D4A84)

Conversions

Conversions Part 1

Format	Color
Hex	3D4A84
RGB	61, 74, 132
RGB Percent	24%, 29%, 52%
CMY	0.7608, 0.7098, 0.4824
CMYK	0.54, 0.44, 0.00, 0.48
HSL	229°, 37%, 38%
HSV	229°, 54%, 52%
XYZ	8.5381, 7.5556, 22.8382
YIQ	76.7250, -26.3660, 15.2820

Conversions

Conversions Part 2

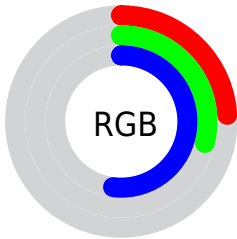
Format	Color
R_{YB}	61, 72, 132
Decimal	4016772
CIE _{Lab}	33.04, 12.55, -34.28
CIE _{LCh}	33, 36.506, 290.110
Yxy	7.5556, 0.2193, 0.1941
Android (android.graphics.Color)	4282206852 (0xFF3D4A84)
YUV	76.7250, 27.2506, -13.7908
Hunter-Lab	27.4875, 7.3423, -30.0203

Details

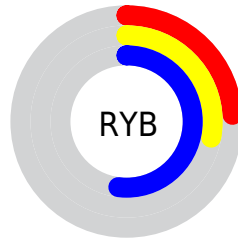
The Hex color **3D4A84** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **84773D**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **717AB9**, and **001F52** is the 20% darker color. If you saturate the color by 10%, you get **303F84**, and if you desaturate by 10%, it is **4A5584**.

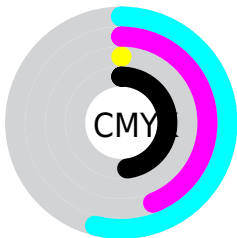
Distribution



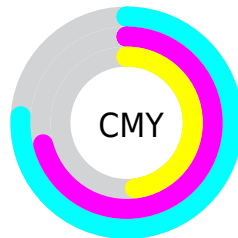
- Red (24%)
- Green (29%)
- Blue (52%)



- Red (24%)
- Yellow (28%)
- Blue (52%)



- Cyan (54%)
- Magenta (44%)
- Yellow (0%)
- Black (48%)



- Cyan (76%)
- Magenta (71%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D4A84 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 3D4A84 by changing the saturation by 10% instead.

■ 3D4A84

■ 3D4A84

FFFFFF

■ 22346A

■ 717AB9

■ 001F52

■ 8C94D5

■ 00063B

■ A8AFF2

■ 000224

■ C4CAFF

■ 00000C

■ E0E6FF

■ 000000

FDFFFF

■ 3D4A84

■ 3D4A84

■ 303F84

■ 4A5584

■ 233484

■ 576084

■ 152A84

■ 656A84

■ 081F84

■ 727584

■ 001884

■ 7F8084

■ 8C8B84

■ 999584

■ A7A084

■ B4AB84

Harmonies

Analogous

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



005486



3D4A84



673E73

Triad

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



3D4A84



793D22



005B43

Complementary

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



3D4A84



84773D

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.



275827



3D4A84



654911

Square

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



3D4A84



82343C



4A5212



005C61

Rectangle

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



3D4A84



783762



4A5212



005A39

Sweetspot

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



3D4A84



9095AB



3D8477



464957



D6D6D6



575757

Same Dimension

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



3D4A84



3C50AB



533D84



3C3D42



001882



000003

Inverse Universe

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



843D4A



AB3C50



6E843D



423C3D



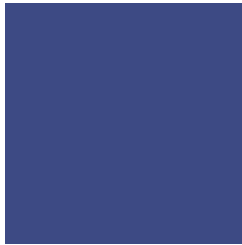
820018



030000

Previews

White Background



This preview shows how the Hex color 3D4A84 looks on a white background.

Color Contrast Check

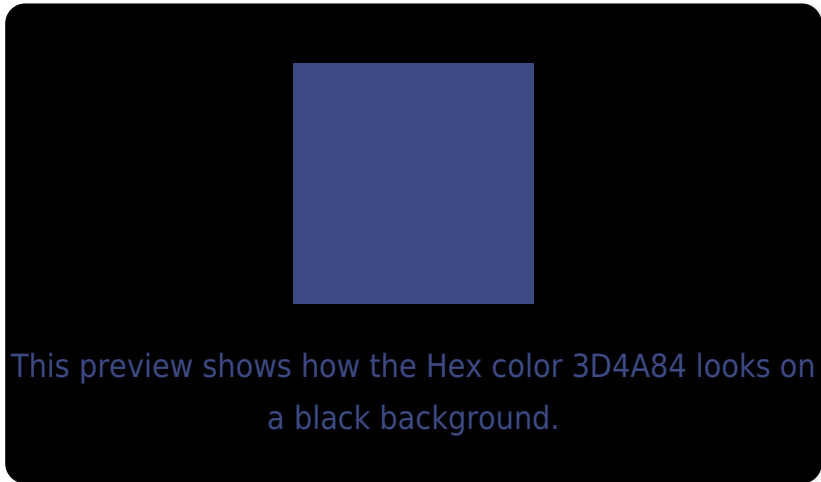
Large Text (above 18pt) WCAG AA ✓ Pass

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

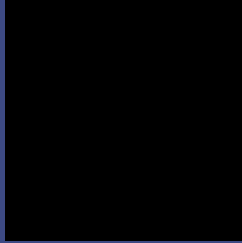
Any Text WCAG AA × Fail

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 3D4A84 Background



This preview shows how black text looks on a background with the Hex color 3D4A84.



This preview shows how white text looks on a background with the Hex color 3D4A84.

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](#).

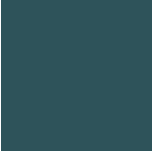
Dichromacy



Original Color
3D4A84

Protanopia
344C86

Deuteranopia
284E83



Tritanopia
2E535A

Trichromacy



Original Color
3D4A84

Protanomaly
374B85

Deuteranomaly
304D83

Tritanomaly
335069

Monochromacy



Original Color
3D4A84

Achromatopsia
4D4D4D

Achromatomaly
474C61

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D4A84 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 #3D4A84 looks like.

```
.text, #text, p{  
    color:#3D4A84  
}
```

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 #3D4A84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D4A84
}
```

Border

The CSS property to change the border of an element to Hex 3D4A84 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
#3D4A84 }
```

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

```
.border{ border-color:#3D4A84 }
```

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

Here you see how a box with a 4 pixel #3D4A84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D4A84; -webkit-box-shadow:4px 4px  
4px 4px #3D4A84; box-shadow:4px 4px 4px  
4px #3D4A84 }
```

Background

The CSS property to change the background color of an element to Hex 3D4A84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D4A84 }
```

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

```
.background{ background-color:#3D4A84 }
```

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