

Converting Colors

Hex(3A4684)

Have a look what the booklet for
Hex(3A4684) contains.

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Color

Hex(3A4684)

Conversions

Conversions Part 1

Format	Color
Hex	3A4684
RGB	58, 70, 132
RGB Percent	23%, 27%, 52%
CMY	0.7725, 0.7255, 0.4824
CMYK	0.56, 0.47, 0.00, 0.48
HSL	230°, 39%, 37%
HSV	230°, 56%, 52%
XYZ	8.0999, 6.9458, 22.7436
YIQ	73.4800, -27.0540, 16.7380

Conversions

Conversions Part 2

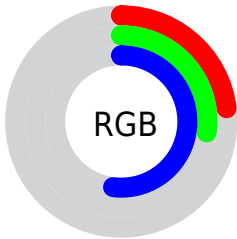
Format	Color
RYB	58, 68, 132
Decimal	3819140
CIELab	31.68, 14.50, -36.45
CIElCh	32, 39.232, 291.691
Yxy	6.9458, 0.2143, 0.1838
Android (android.graphics.Color)	4282009220 (0xFF3A4684)
YUV	73.4800, 28.8504, -13.5760
Hunter-Lab	26.3549, 8.7393, -32.7172

Details

The Hex color **3A4684** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **84783A**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **6F76BA**, and **001B52** is the 20% darker color. If you saturate the color by 10%, you get **2D3B84**, and if you desaturate by 10%, it is **475184**.

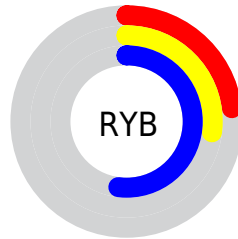
Distribution



Red (23%)

Green (27%)

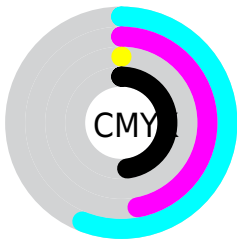
Blue (52%)



Red (23%)

Yellow (27%)

Blue (52%)

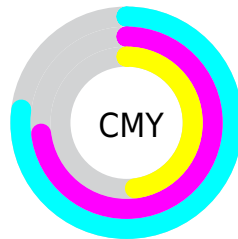


Cyan (56%)

Magenta (47%)

Yellow (0%)

Black (48%)



Cyan (77%)

Magenta (73%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A4684 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 3A4684 by changing the saturation by 10% instead.

■ 3A4684

■ 3A4684

FFFFFF

■ 1E306A

■ 6F76BA

■ 001B52

■ 8A90D5

■ 00003B

■ A5AAF2

■ 000224

■ C1C5FF

■ 00000C

■ DEE1FF

■ 000000

■ FBFEFF

■ 3A4684

■ 3A4684

■ 2D3B84

■ 475184

■ 203084

■ 545C84

■ 122584

■ 626784

■ 051A84

■ 6F7284

■ 001584

■ 7C7D84

■ 898884

■ 969384

■ A49E84

■ B1AA84

Harmonies

Analogous

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



005188



3A4684



673871

Triad

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



3A4684



77391A



005841

Complementary

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



3A4684



84783A

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.



1C5622



3A4684



614605

Square

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



3A4684



812E36



445008



005960

Rectangle

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



3A4684



78305F



445008



005836

Sweetspot

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



3A4684



8E93AB



3A8478



454857



D6D6D6



575757

Same Dimension

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



3A4684



384BAB



533A84



3C3D42



001582



000003

Inverse Universe

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



843A46



AB384B



6B843A



423C3D



820015



030000

Previews

White Background



This preview shows how the Hex color 3A4684 looks on a white background.

Color Contrast Check

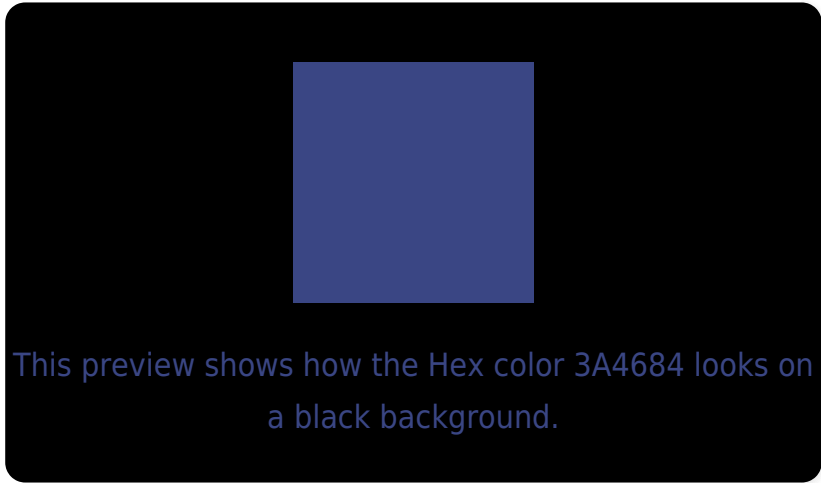
Large Text (above 18pt) WCAG AA ✓ Pass

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 3A4684 Background



This preview shows how black text looks on a background with the Hex color 3A4684.



This preview shows how white text looks on a background with the Hex color 3A4684.

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
3A4684

Protanopia
2C4886

Deuteranopia
1A4B83



Tritanopia
295057

Trichromacy



Original Color
3A4684

Protanomaly
314785

Deuteranomaly
264983

Tritanomaly
2F4C67

Monochromacy



Original Color
3A4684

Achromatopsia
494949

Achromatomaly
44485E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A4684 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 #3A4684 looks like.

```
.text, #text, p{  
    color:#3A4684  
}
```

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 #3A4684 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A4684
}
```

Border

The CSS property to change the border of an element to Hex 3A4684 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
#3A4684 }
```

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

```
.border{ border-color:#3A4684 }
```

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

Here you see how a box with a 4 pixel #3A4684 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A4684; -webkit-box-shadow:4px 4px  
4px 4px #3A4684; box-shadow:4px 4px 4px  
4px #3A4684 }
```

Background

The CSS property to change the background color of an element to Hex 3A4684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A4684 }
```

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

```
.background{ background-color:#3A4684 }
```

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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