

Converting Colors

Hex(3A488D)

Have a look what the booklet for
Hex(3A488D) contains.

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Color

Hex(3A488D)

Conversions

Conversions Part 1

Format	Color
Hex	3A488D
RGB	58, 72, 141
RGB Percent	23%, 28%, 55%
CMY	0.7725, 0.7176, 0.4471
CMYK	0.59, 0.49, 0.00, 0.45
HSL	230°, 42%, 39%
HSV	230°, 59%, 55%
XYZ	8.8700, 7.4574, 26.1712
YIQ	75.6800, -30.4930, 18.4910

Conversions

Conversions Part 2

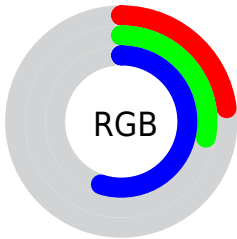
Format	Color
RYB	58, 70, 141
Decimal	3819661
CIELab	32.83, 16.34, -40.17
CIELCh	33, 43.363, 292.131
Yxy	7.4574, 0.2087, 0.1755
Android (android.graphics.Color)	4282009741 (0xFF3A488D)
YUV	75.6800, 32.2028, -15.5054
Hunter-Lab	27.3082, 10.1896, -37.7058

Details

The Hex color **3A488D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **8D7F3A**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **7078C3**, and **001D5A** is the 20% darker color. If you saturate the color by 10%, you get **2C3C8D**, and if you desaturate by 10%, it is **48548D**.

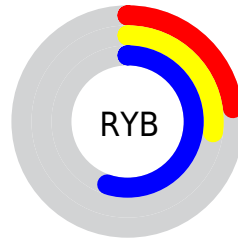
Distribution



Red (23%)

Green (28%)

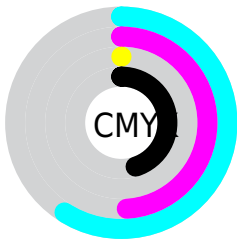
Blue (55%)



Red (23%)

Yellow (27%)

Blue (55%)

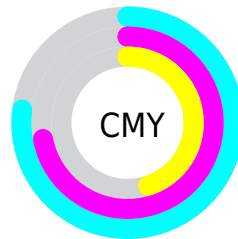


Cyan (59%)

Magenta (49%)

Yellow (0%)

Black (45%)



Cyan (77%)

Magenta (72%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A488D 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 3A488D by changing the saturation by 10% instead.



3A488D



3A488D

FFFFFF



1C3273



7078C3



001D5A



8B92DF



000442



A7ACFC



00032B



C3C8FF



000116



E0E4FF



000000

FEFFFF



3A488D



3A488D



2C3C8D



48548D

■ 1E318D

■ 565F8D

■ 10258D

■ 646B8D

■ 02198D

■ 72778D

■ 00188D

■ 81838D

■ 8F8E8D

■ 9D9A8D

■ ABA68D

■ B9B18D

Harmonies

Analogous

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



005491



3A488D



6D3878

Triad

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



3A488D



7D3A17



005C43

Complementary

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



3A488D



8D7F3A

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.



155920



3A488D



654800

Square

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



3A488D



892C36



455301



005D66

Rectangle

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



3A488D



802E63



455301



005C37

Sweetspot

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



3A488D



979CB8



3A8D7E



484B5C



DBDBDB



5C5C5C

Same Dimension

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



3A488D



354BB8



543A8D



404147



001787



000108

Inverse Universe

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



8D3A48



B8354B



738D3A



474041



870017



080001

Previews

White Background



This preview shows how the Hex color 3A488D looks on a white background.

Color Contrast Check

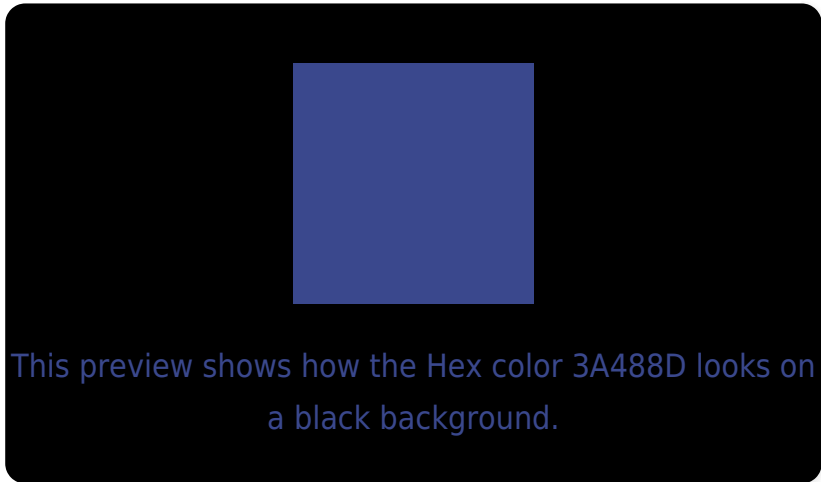
Large Text (above 18pt) WCAG AA ✓ Pass

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

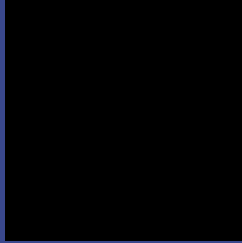
Any Text WCAG AA × Fail

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 3A488D Background



This preview shows how black text looks on a background with the Hex color 3A488D.



This preview shows how white text looks on a background with the Hex color 3A488D.

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](#).

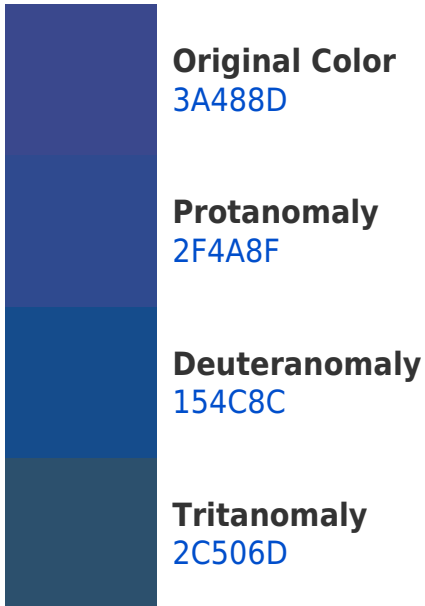
Dichromacy





Tritanopia
24545B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3A488D 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 #3A488D looks like.

```
.text, #text, p{  
    color:#3A488D  
}
```

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 #3A488D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A488D
}
```

Border

The CSS property to change the border of an element to Hex 3A488D 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
#3A488D }
```

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

```
.border{ border-color:#3A488D }
```

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

Here you see how a box with a 4 pixel #3A488D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A488D; -webkit-box-shadow:4px 4px  
4px 4px #3A488D; box-shadow:4px 4px 4px  
4px #3A488D }
```

Background

The CSS property to change the background color of an element to Hex 3A488D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A488D }
```

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

```
.background{ background-color:#3A488D }
```

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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