

Converting Colors

Hex(3444A8)

Have a look what the booklet for
Hex(3444A8) contains.

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Color

Hex(3444A8)

Conversions

Conversions Part 1

Format	Color
Hex	3444A8
RGB	52, 68, 168
RGB Percent	20%, 27%, 66%
CMY	0.7961, 0.7333, 0.3412
CMYK	0.69, 0.60, 0.00, 0.34
HSL	232°, 53%, 43%
HSV	232°, 69%, 66%
XYZ	10.5512, 7.6915, 37.9743
YIQ	74.6160, -41.6360, 27.7080

Conversions

Conversions Part 2

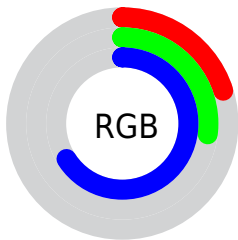
Format	Color
RYB	52, 66, 168
Decimal	3425448
CIELab	33.33, 27.66, -55.72
CIELCh	33, 62.214, 296.402
Yxy	7.6915, 0.1877, 0.1368
Android (android.graphics.Color)	4281615528 (0xFF3444A8)
YUV	74.6160, 46.0383, -19.8342
Hunter-Lab	27.7335, 19.3766, -61.7698

Details

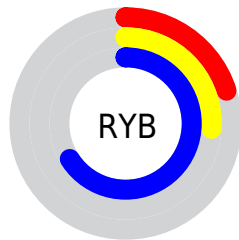
The Hex color **3444A8** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **A89834**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **7174E0**, and **001A73** is the 20% darker color. If you saturate the color by 10%, you get **2336A8**, and if you desaturate by 10%, it is **4552A8**.

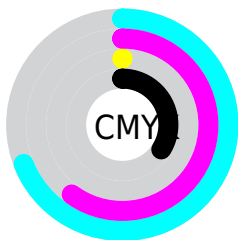
Distribution



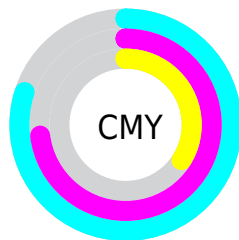
- Red (20%)
- Green (27%)
- Blue (66%)



- Red (20%)
- Yellow (26%)
- Blue (66%)



- Cyan (69%)
- Magenta (60%)
- Yellow (0%)
- Black (34%)



- Cyan (80%)
- Magenta (73%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3444A8 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 3444A8 by changing the saturation by 10% instead.

■ 3444A8

■ 3444A8

FFFFFF

■ 042E8D

■ 7174E0

■ 001A73

■ 8D8DFD

■ 00035A

■ AAA8FF

■ 000741

■ C8C3FF

■ 00032A

■ E5DFFF

■ 000114

■ FFFCFF

■ 000000

■ 3444A8

■ 3444A8

■ 2336A8

■ 4552A8

■ 1227A8

■ 5661A8

■ 0219A8

■ 666FA8

■ 0017A8

■ 777EA8

■ 888CA8

■ 999BA8

■ AAA9A8

■ BAB8A8

■ CBC6A8

Harmonies

Analogous

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



0057B2



3444A8



822486

Triad

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



3444A8



893300



006247

Complementary

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



3444A8



A89834

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.



005F0F



3444A8



664B00

Square

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



3444A8



9F0A26



365800



006379

Rectangle

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



3444A8



990067



365800



006135

Sweetspot

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



3444A8



ADB4DB



34A897



52566E



EDEDED



6E6E6E

Same Dimension

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



3444A8



253EDB



5D34A8



4C4D54



001494



000314

Inverse Universe

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



A83444



DB253E



7FA834



544C4D



940014



140003

Previews

White Background



This preview shows how the Hex color 3444A8 looks on a white background.

Color Contrast Check

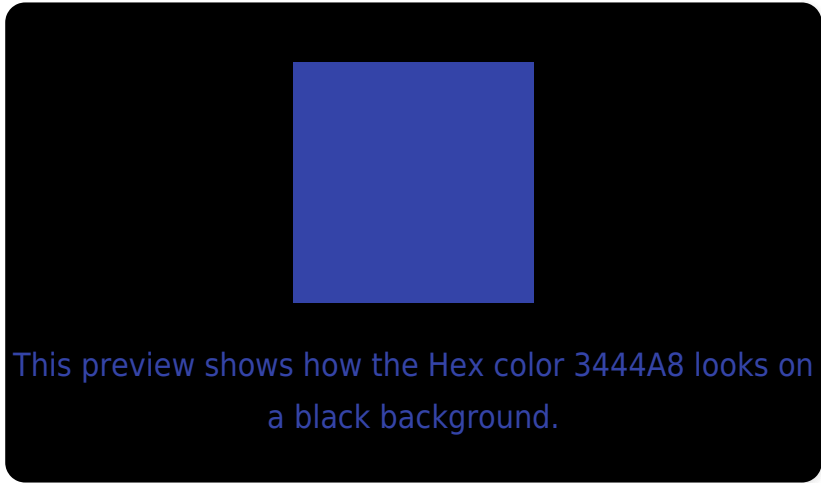
Large Text (above 18pt) WCAG AA ✓ Pass

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

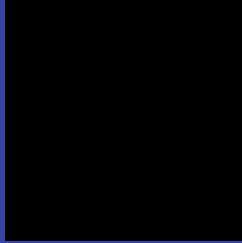
Any Text WCAG AA × Fail

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 3444A8 Background



This preview shows how black text looks on a background with the Hex color 3444A8.

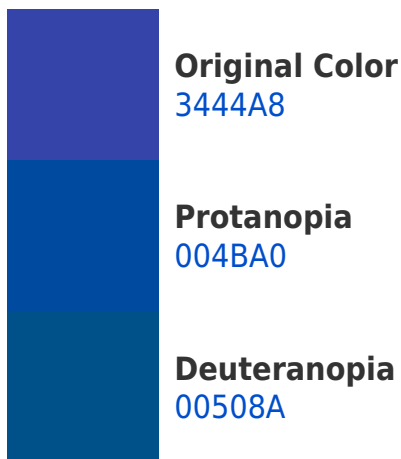


This preview shows how white text looks on a background with the Hex color 3444A8.

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
00575D

Trichromacy



Original Color
3444A8

Protanomaly
1348A3

Deuteranomaly
134C95

Tritanomaly
135078

Monochromacy



Original Color
3444A8

Achromatopsia
4B4B4B

Achromatomaly
43486D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3444A8 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 #3444A8 looks like.

```
.text, #text, p{  
    color:#3444A8  
}
```

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 #3444A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3444A8
}
```

Border

The CSS property to change the border of an element to Hex 3444A8 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
#3444A8 }
```

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

```
.border{ border-color:#3444A8 }
```

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

Here you see how a box with a 4 pixel #3444A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3444A8; -webkit-box-shadow:4px 4px  
4px 4px #3444A8; box-shadow:4px 4px 4px  
4px #3444A8 }
```

Background

The CSS property to change the background color of an element to Hex 3444A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3444A8 }
```

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

```
.background{ background-color:#3444A8 }
```

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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