

Converting Colors

Hex(6346B8)

Have a look what the booklet for
Hex(6346B8) contains.

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Color

Hex(6346B8)

Conversions

Conversions Part 1

Format	Color
Hex	6346B8
RGB	99, 70, 184
RGB Percent	39%, 27%, 72%
CMY	0.6118, 0.7255, 0.2784
CMYK	0.46, 0.62, 0.00, 0.28
HSL	255°, 45%, 50%
HSV	255°, 62%, 72%
XYZ	15.9875, 10.4937, 46.5302
YIQ	91.6670, -19.3100, 41.6020

Conversions

Conversions Part 2

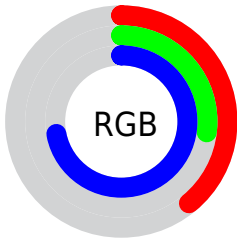
Format	Color
R_{YB}	99, 70, 184
Decimal	6506168
CIE _{Lab}	38.71, 40.17, -56.31
CIE _{LCh}	39, 69.169, 305.502
Yxy	10.4937, 0.2190, 0.1437
Android (android.graphics.Color)	4284696248 (0xFF6346B8)
YUV	91.6670, 45.5202, 6.4310
Hunter-Lab	32.3939, 31.4063, -62.4877

Details

The Hex color **6346B8** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **9BB846**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **9B78F1**, and **281782** is the 20% darker color. If you saturate the color by 10%, you get **5534B8**, and if you desaturate by 10%, it is **7158B8**.

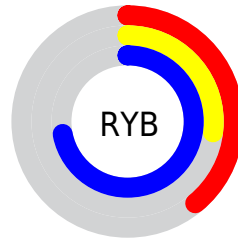
Distribution



Red (39%)

Green (27%)

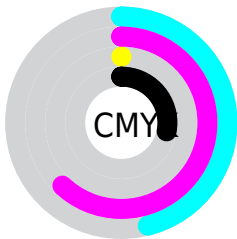
Blue (72%)



Red (39%)

Yellow (27%)

Blue (72%)

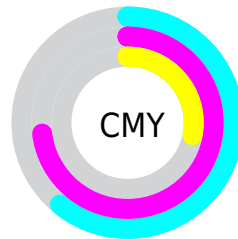


Cyan (46%)

Magenta (62%)

Yellow (0%)

Black (28%)



Cyan (61%)

Magenta (73%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6346B8 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 6346B8 by changing the saturation by 10% instead.

■ 6346B8

■ 6346B8

FFFFFF

■ 472E9D

■ 9B78F1

■ 281782

■ B892FF

■ 000168

■ D5ADFF

■ 00004F

■ F3C8FF

■ 000537

■ FFE5FF

■ 000221

■ 000006

■ 000000

■ 6346B8

■ 6346B8

■ 5534B8

■ 7158B8

■ 4821B8

■ 7E6BB8

■ 3A0FB8

■ 8C7DB8

■ 2F00B8

■ 9A90B8

■ A8A2B8

■ B5B4B8

■ C3C7B8

■ D1D9B8

■ DEECB8

Harmonies

Analogous

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



0060CD



6346B8



A41B8B

Triad

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



6346B8



934600



007264

Complementary

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



6346B8



9BB846

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.



006F28



6346B8



675C00

Square

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



6346B8



B11F1D



266900



00729C

Rectangle

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



6346B8



B60066



266900



007151

Sweetspot

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



6346B8



CEC2F0



469CB8



635C78



F7F7F7



787878

Same Dimension

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



6346B8



6B3EF0



9C46B8



55535C



28009C



07001C

Inverse Universe

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



B8469B



F03EC3



62B846



5C5359



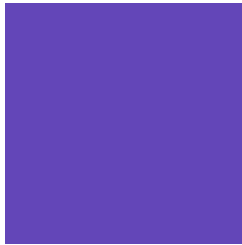
9C0074



1C0015

Previews

White Background



This preview shows how the Hex color 6346B8 looks on a white background.

Color Contrast Check

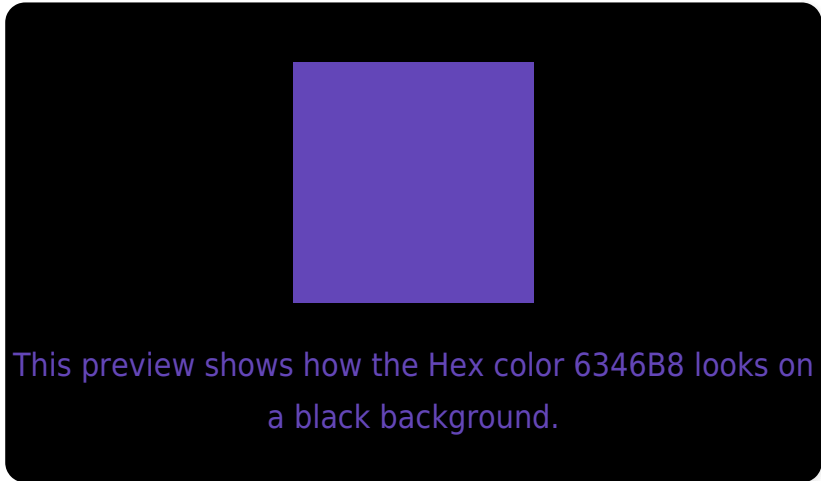
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

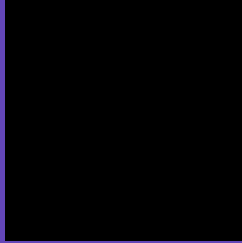
Any Text WCAG AA × Fail

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 6346B8 Background



This preview shows how black text looks on a background with the Hex color 6346B8.

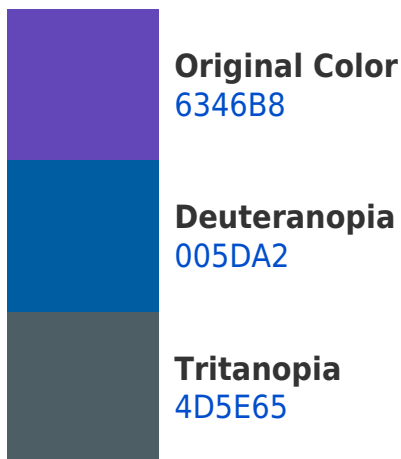


This preview shows how white text looks on a background with the Hex color 6346B8.

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



Trichromacy



Original Color
6346B8

Deuteranomaly
2455AA

Tritanomaly
555583

Monochromacy



Original Color
6346B8

Achromatopsia
5C5C5C

Achromatomaly
5F547D

CSS Examples

Text

The CSS property to change the color of the text to Hex 6346B8 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 #6346B8 looks like.

```
.text, #text, p{  
    color:#6346B8  
}
```

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 #6346B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6346B8
}
```

Border

The CSS property to change the border of an element to Hex 6346B8 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".

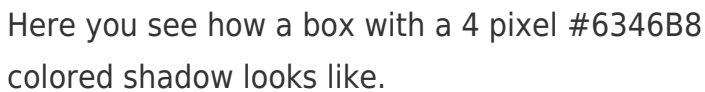
```
.border, #border, table{ border:4px solid
#6346B8 }
```

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

```
.border{ border-color:#6346B8 }
```

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

Here you see how a box with a 4 pixel #6346B8 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6346B8; -webkit-box-shadow:4px 4px  
4px 4px #6346B8; box-shadow:4px 4px 4px  
4px #6346B8 }
```

Background

The CSS property to change the background color of an element to Hex 6346B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6346B8 }
```

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

```
.background{ background-color:#6346B8 }
```

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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