

Converting Colors

Hex(5372A8)

Have a look what the booklet for
Hex(5372A8) contains.

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Color

Hex(5372A8)

Conversions

Conversions Part 1

Format	Color
Hex	5372A8
RGB	83, 114, 168
RGB Percent	33%, 45%, 66%
CMY	0.6745, 0.5529, 0.3412
CMYK	0.51, 0.32, 0.00, 0.34
HSL	218°, 34%, 49%
HSV	218°, 51%, 66%
XYZ	16.6525, 16.7008, 39.3917
YIQ	110.8870, -35.8100, 10.2220

Conversions

Conversions Part 2

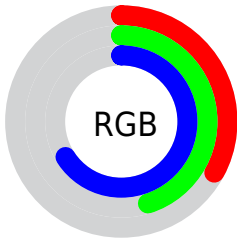
Format	Color
R _Y B	83, 106, 168
Decimal	5468840
CIE Lab	47.88, 4.43, -32.37
CIE LCh	48, 32.673, 277.796
Yxy	16.7008, 0.2289, 0.2296
Android (android.graphics.Color)	4283658920 (0xFF5372A8)
YUV	110.8870, 28.1567, -24.4569
Hunter-Lab	40.8666, 1.2193, -28.5436

Details

The Hex color **5372A8** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A88953**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **89A6DF**, and **194274** is the 20% darker color. If you saturate the color by 10%, you get **4267A8**, and if you desaturate by 10%, it is **647DA8**.

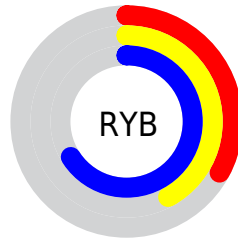
Distribution



Red (33%)

Green (45%)

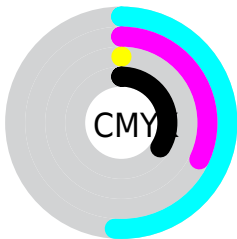
Blue (66%)



Red (33%)

Yellow (42%)

Blue (66%)

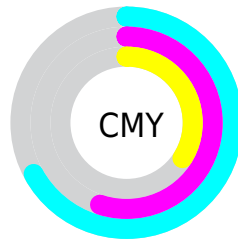


Cyan (51%)

Magenta (32%)

Yellow (0%)

Black (34%)



Cyan (67%)

Magenta (55%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5372A8 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 5372A8 by changing the saturation by 10% instead.

■ 5372A8

■ 5372A8

FFFFFF

■ 385A8D

■ 89A6DF

■ 194274

■ A5C1FC

■ 002D5B

■ C1DCFF

■ 001943

■ DEF9FF

■ 00032C

■ FBFFFF

■ 000117

■ 000000

■ 5372A8

■ 5372A8

■ 4267A8

■ 647DA8

■ 315DA8

■ 7587A8

■ 2152A8

■ 8592A8

■ 1047A8

■ 969DA8

■ 003DA8

■ A7A7A8

■ B8B2A8

■ C9BDA8

■ D9C7A8

■ EAD2A8

Harmonies

Analogous

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



0C7AA4



5372A8



7E689D

Triad

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



5372A8



A36051



3A7E5C

Complementary

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



5372A8



A88953

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.



5E7A45



5372A8



94693F

Square

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



5372A8



A65B6B



7C723A



008078

Rectangle

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



5372A8



92618F



7C723A



477D53

Sweetspot

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



5372A8



BAC6DB



53A889



5A616E



EDEDED



6E6E6E

Same Dimension

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



5372A8



5686DB



5E53A8



4C4F54



003694



000714

Inverse Universe

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



A85372



DB5686



9DA853



544C4F



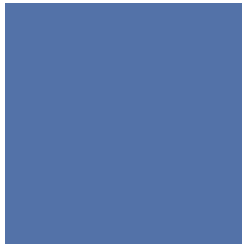
940036



140007

Previews

White Background



This preview shows how the Hex color 5372A8 looks on a white background.

Color Contrast Check

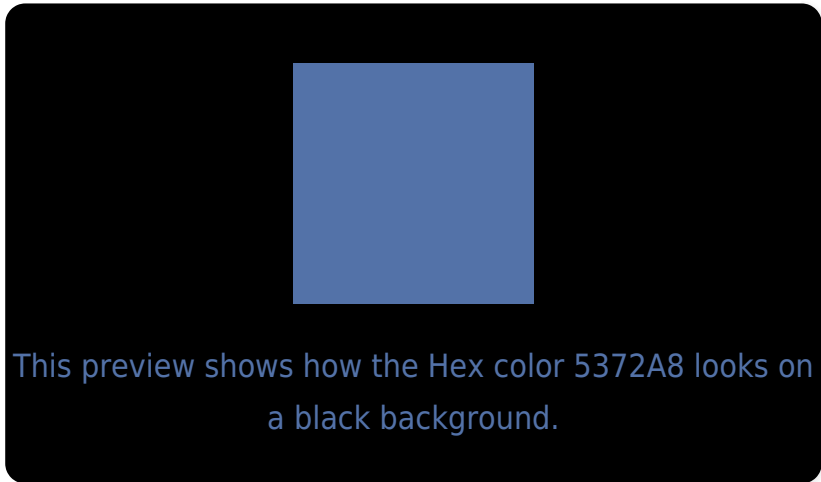
Large Text (above 18pt) WCAG AA ✓ Pass

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

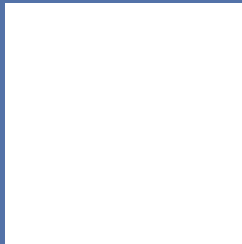
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5372A8 Background



This preview shows how black text looks on a background with the Hex color 5372A8.

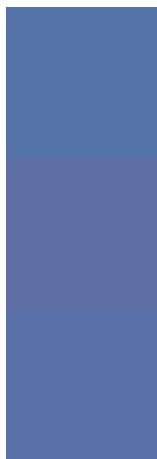


This preview shows how white text looks on a background with the Hex color 5372A8.

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
5372A8

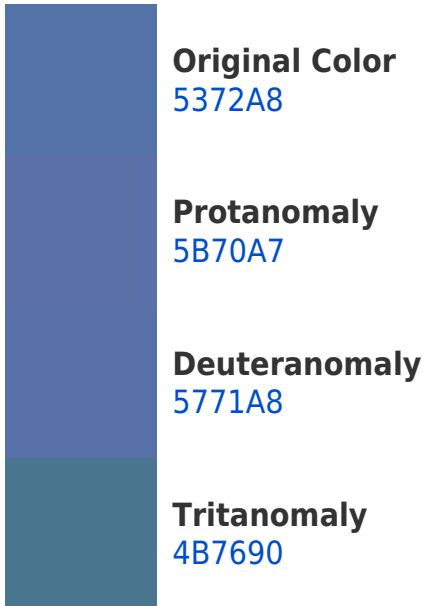
Protanopia
5F6FA6

Deuteranopia
5971A8



Tritanopia
477983

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5372A8 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 #5372A8 looks like.

```
.text, #text, p{  
    color:#5372A8  
}
```

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 #5372A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5372A8
}
```

Border

The CSS property to change the border of an element to Hex 5372A8 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
#5372A8 }
```

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

```
.border{ border-color:#5372A8 }
```

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

Here you see how a box with a 4 pixel #5372A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5372A8; -webkit-box-shadow:4px 4px  
4px 4px #5372A8; box-shadow:4px 4px 4px  
4px #5372A8 }
```

Background

The CSS property to change the background color of an element to Hex 5372A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5372A8 }
```

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

```
.background{ background-color:#5372A8 }
```

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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