

Converting Colors

Hex(5272A8)

Have a look what the booklet for
Hex(5272A8) contains.

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Color

Hex(5272A8)

Conversions

Conversions Part 1

Format	Color
Hex	5272A8
RGB	82, 114, 168
RGB Percent	32%, 45%, 66%
CMY	0.6784, 0.5529, 0.3412
CMYK	0.51, 0.32, 0.00, 0.34
HSL	218°, 34%, 49%
HSV	218°, 51%, 66%
XYZ	16.5649, 16.6556, 39.3876
YIQ	110.5880, -36.4060, 10.0100

Conversions

Conversions Part 2

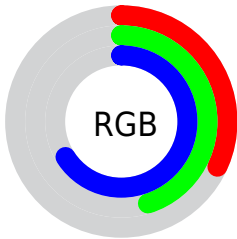
Format	Color
R_{YB}	82, 105, 168
Decimal	5403304
CIE _{Lab}	47.82, 4.19, -32.46
CIE _{LCh}	48, 32.734, 277.352
Y _{xy}	16.6556, 0.2281, 0.2294
Android (android.graphics.Color)	4283593384 (0xFF5272A8)
YUV	110.5880, 28.3041, -25.0717
Hunter-Lab	40.8113, 1.0315, -28.6537

Details

The Hex color **5272A8** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A88852**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **88A6DF**, and **184274** is the 20% darker color. If you saturate the color by 10%, you get **4167A8**, and if you desaturate by 10%, it is **637DA8**.

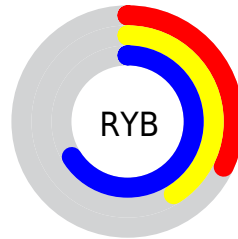
Distribution



 Red (32%)

 Green (45%)

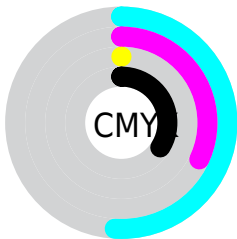
 Blue (66%)





 Red (32%)

 Yellow (41%)

 Blue (66%)

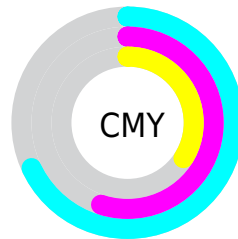


 Cyan (51%)


 Magenta (32%)

 Yellow (0%)

 Black (34%)



 Cyan (68%)

 Magenta (55%)

 Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5272A8 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 5272A8 by changing the saturation by 10% instead.

■ 5272A8

■ 5272A8

FFFFFF

■ 375A8D

■ 88A6DF

■ 184274

■ A4C1FC

■ 002D5B

■ C0DCFF

■ 001943

■ DDF9FF

■ 00032C

■ FAFFFF

■ 000117

■ 000000

■ 5272A8

■ 5272A8

■ 4167A8

■ 637DA8

■ 305DA8

■ 7487A8

■ 2052A8

■ 8492A8

■ 0F48A8

■ 959CA8

■ 003FA8

■ A6A7A8

■ B7B1A8

■ C8BCA8

■ D8C6A8

■ E9D1A8

Harmonies

Analogous

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



087AA4



5272A8



7D689D

Triad

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



5272A8



A35F51



3B7E5B

Complementary

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



5272A8



A88852

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.



5F7A44



5272A8



94693F

Square

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



5272A8



A65B6C



7C7239



008078

Rectangle

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



5272A8



926190



7C7239



487D53

Sweetspot

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



5272A8



BAC7DB



52A887



5A616E



EDEDED



6E6E6E

Same Dimension

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



5272A8



5687DB



5C52A8



4C4F54



003794



000814

Inverse Universe

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



A85272



DB5687



9EA852



544C4F



940037



140008

Previews

White Background



This preview shows how the Hex color 5272A8 looks on a white background.

Color Contrast Check

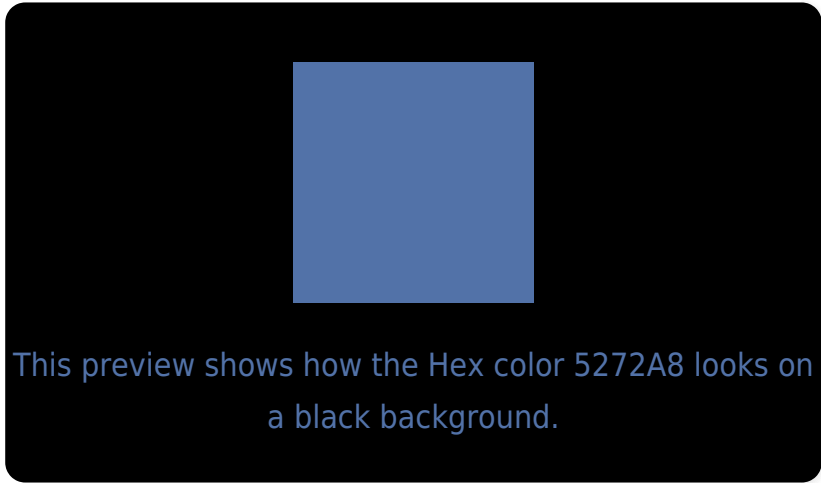
Large Text (above 18pt) WCAG AA ✓ Pass

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

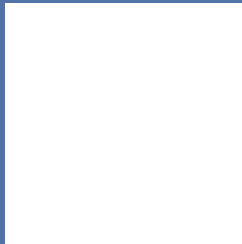
Any Text WCAG AAA × Fail

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

Hex 5272A8 Background



This preview shows how black text looks on a background with the Hex color 5272A8.

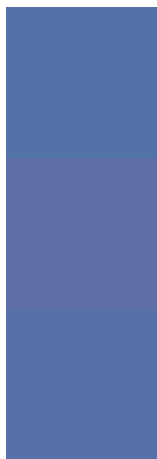


This preview shows how white text looks on a background with the Hex color 5272A8.

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
5272A8

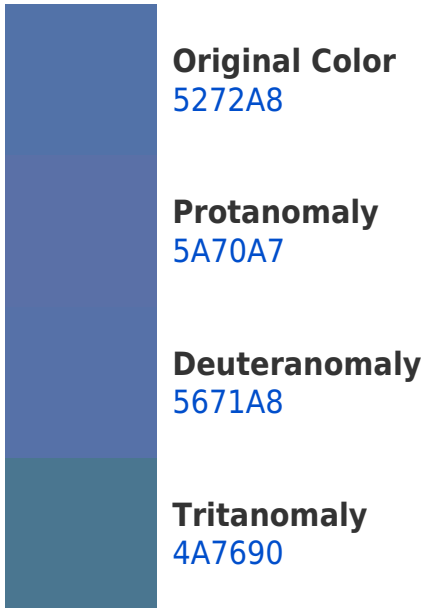
Protanopia
5F6FA6

Deuteranopia
5870A8

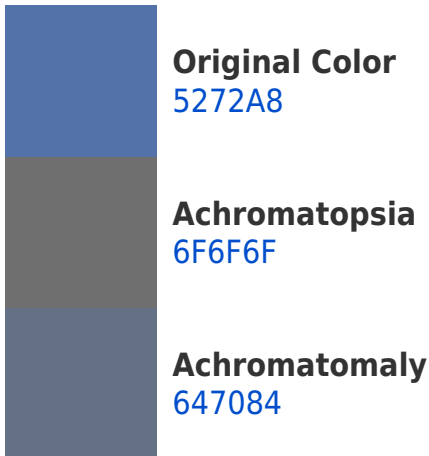


Tritanopia
467983

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5272A8 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 #5272A8 looks like.

```
.text, #text, p{  
    color:#5272A8  
}
```

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 #5272A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5272A8
}
```

Border

The CSS property to change the border of an element to Hex 5272A8 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
#5272A8 }
```

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

```
.border{ border-color:#5272A8 }
```

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

Here you see how a box with a 4 pixel #5272A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5272A8; -webkit-box-shadow:4px 4px  
4px 4px #5272A8; box-shadow:4px 4px 4px  
4px #5272A8 }
```

Background

The CSS property to change the background color of an element to Hex 5272A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5272A8 }
```

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

```
.background{ background-color:#5272A8 }
```

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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