

Converting Colors

Hex(5568A8)

Have a look what the booklet for
Hex(5568A8) contains.

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Color

Hex(5568A8)

Conversions

Conversions Part 1

Format	Color
Hex	5568A8
RGB	85, 104, 168
RGB Percent	33%, 41%, 66%
CMY	0.6667, 0.5922, 0.3412
CMYK	0.49, 0.38, 0.00, 0.34
HSL	226°, 33%, 50%
HSV	226°, 49%, 66%
XYZ	15.7645, 14.6591, 39.0444
YIQ	105.6150, -31.8680, 15.8760

Conversions

Conversions Part 2

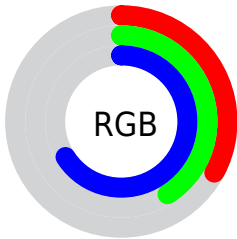
Format	Color
R _Y B	85, 100, 168
Decimal	5597352
CIE _{Lab}	45.16, 11.08, -36.64
CIE _{LCh}	45, 38.274, 286.827
Y _{xy}	14.6591, 0.2269, 0.2110
Android (android.graphics.Color)	4283787432 (0xFF5568A8)
Y _{UV}	105.6150, 30.7558, -18.0794
Hunter-Lab	38.2872, 6.4937, -33.6616

Details

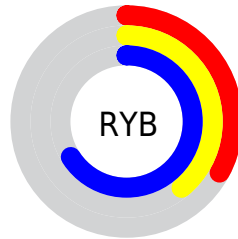
The Hex color **5568A8** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A89555**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **8B9BE0**, and **1C3973** is the 20% darker color. If you saturate the color by 10%, you get **445BA8**, and if you desaturate by 10%, it is **6675A8**.

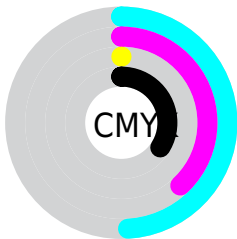
Distribution



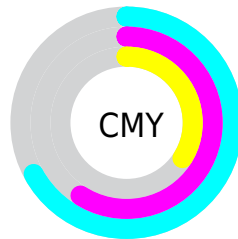
- Red (33%)
- Green (41%)
- Blue (66%)



- Red (33%)
- Yellow (39%)
- Blue (66%)



- Cyan (49%)
- Magenta (38%)
- Yellow (0%)
- Black (34%)



- Cyan (67%)
- Magenta (59%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5568A8 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 5568A8 by changing the saturation by 10% instead.

■ 5568A8

■ 5568A8

FFFFFF

■ 3A508D

■ 8B9BE0

■ 1C3973

■ A7B6FC

■ 00245B

■ C3D1FF

■ 001043

■ E0EDFF

■ 00032C

FDFFFF

■ 000116

■ 000000

■ 5568A8

■ 5568A8

■ 445BA8

■ 6675A8

■ 334EA8

■ 7782A8

■ 2341A8

■ 878FA8

■ 1234A8

■ 989CA8

■ 0127A8

■ A9A9A8

■ 0026A8

■ BAB6A8

■ CBC3A8

■ DBD0A8

■ ECDDA8

Harmonies

Analogous

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



0072A9



5568A8



845B97

Triad

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



5568A8



9E583E



007A5B

Complementary

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



5568A8



A89555

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.



47763D



5568A8



89642B

Square

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



5568A8



A7505A



6C6F2B



007B7C

Rectangle

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



5568A8



985485



6C6F2B



257951

Sweetspot

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



5568A8



BAC2DB



55A895



5A5E6E



EDEDED



6E6E6E

Same Dimension

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



5568A8



5A78DB



6B55A8



4C4E54



002294



000514

Inverse Universe

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



A85568



DB5A78



92A855



544C4E



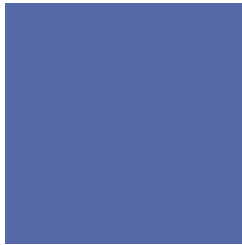
940022



140005

Previews

White Background



This preview shows how the Hex color 5568A8 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

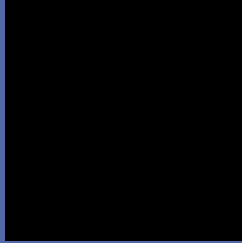
Any Text WCAG AA × Fail

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 5568A8 Background



This preview shows how black text looks on a background with the Hex color 5568A8.

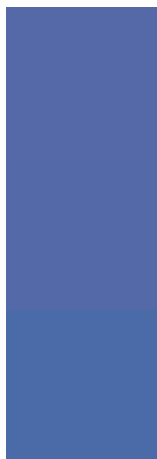


This preview shows how white text looks on a background with the Hex color 5568A8.

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
5568A8

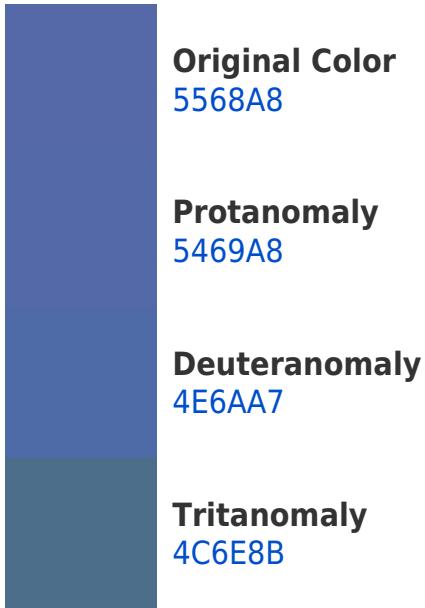
Protanopia
5369A8

Deuteranopia
4A6BA7



Tritanopia
47717B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5568A8 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 #5568A8 looks like.

```
.text, #text, p{  
    color:#5568A8  
}
```

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 #5568A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5568A8
}
```

Border

The CSS property to change the border of an element to Hex 5568A8 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
#5568A8 }
```

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

```
.border{ border-color:#5568A8 }
```

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

Here you see how a box with a 4 pixel #5568A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5568A8; -webkit-box-shadow:4px 4px  
4px 4px #5568A8; box-shadow:4px 4px 4px  
4px #5568A8 }
```

Background

The CSS property to change the background color of an element to Hex 5568A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5568A8 }
```

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

```
.background{ background-color:#5568A8 }
```

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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