

Converting Colors

Hex(50608B)

Have a look what the booklet for
Hex(50608B) contains.

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Color

Hex(50608B)

Conversions

Conversions Part 1

Format	Color
Hex	50608B
RGB	80, 96, 139
RGB Percent	31%, 38%, 55%
CMY	0.6863, 0.6235, 0.4549
CMYK	0.42, 0.31, 0.00, 0.45
HSL	224°, 27%, 43%
HSV	224°, 42%, 55%
XYZ	12.1513, 11.9353, 26.0894
YIQ	96.1180, -23.3390, 9.9810

Conversions

Conversions Part 2

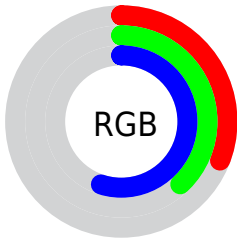
Format	Color
R_{YB}	80, 93, 139
Decimal	5267595
CIE _{Lab}	41.11, 5.71, -25.75
CIE _{LCh}	41, 26.376, 282.493
Yxy	11.9353, 0.2422, 0.2379
Android (android.graphics.Color)	4283457675 (0xFF50608B)
YUV	96.1180, 21.1408, -14.1355
Hunter-Lab	34.5475, 2.3254, -20.5911

Details

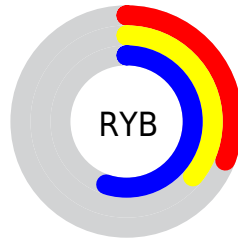
The Hex color **50608B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8B7B50**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **8492C1**, and **1E3259** is the 20% darker color. If you saturate the color by 10%, you get **42568B**, and if you desaturate by 10%, it is **5E6A8B**.

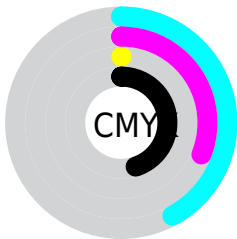
Distribution



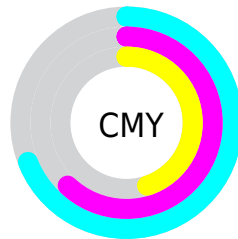
- Red (31%)
- Green (38%)
- Blue (55%)



- Red (31%)
- Yellow (36%)
- Blue (55%)



- Cyan (42%)
- Magenta (31%)
- Yellow (0%)
- Black (45%)



- Cyan (69%)
- Magenta (62%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50608B 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 50608B by changing the saturation by 10% instead.

■ 50608B

■ 50608B

FFFFFF

■ 374871

■ 8492C1

■ 1E3259

■ 9EADDD

■ 001D41

■ BAC8F9

■ 00032B

■ D6E4FF

■ 000115

■ F3FFFF

■ 000000

■ 50608B

■ 50608B

■ 42568B

■ 5E6A8B

■ 344C8B

■ 6C748B

■ 26428B

■ 7A7E8B

■ 18378B

■ 88898B

■ 0B2D8B

■ 95938B

■ 00268B

■ A39D8B

■ B1A78B

■ BFB18B

■ CDBB8B

Harmonies

Analogous

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



28678A



50608B



6F5881

Triad

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



50608B



875445



326C53

Complementary

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



50608B



8B7B50

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.



4E6840



50608B



7A5B38

Square

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



50608B



8B5059



666336



0C6C6A

Rectangle

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



50608B



7E5375



666336



3C6B4C

Sweetspot

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



50608B



9EA4B5



508B7A



4D515C



DBDBDB



5C5C5C

Same Dimension

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



50608B



5972B5



5D508B



3E4045



002485



000105

Inverse Universe

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



8B5060



B55972



7E8B50



453E40



850024



050001

Previews

White Background



This preview shows how the Hex color 50608B looks on a white background.

Color Contrast Check

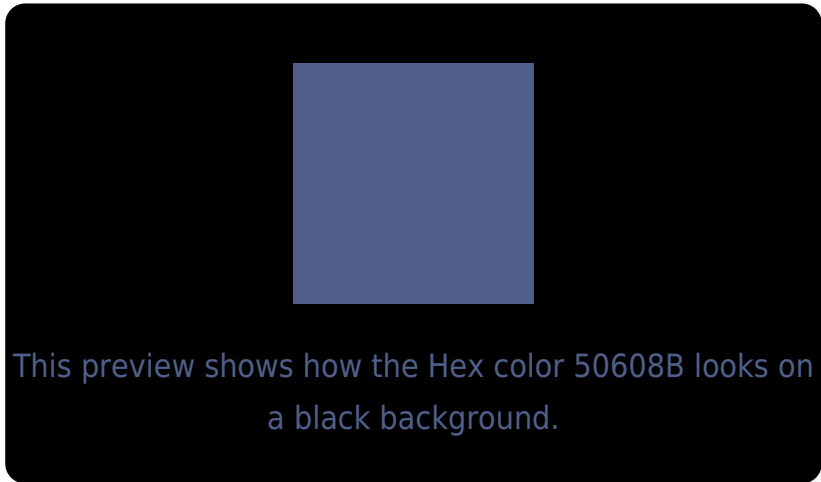
Large Text (above 18pt) WCAG AA ✓ Pass

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

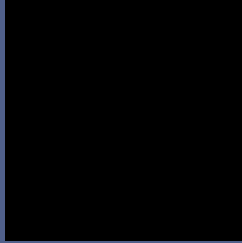
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

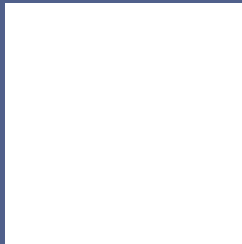
Any Text WCAG AAA × Fail

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

Hex 50608B Background



This preview shows how black text looks on a background with the Hex color 50608B.

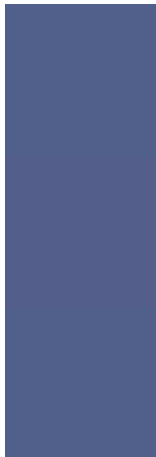


This preview shows how white text looks on a background with the Hex color 50608B.

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
50608B

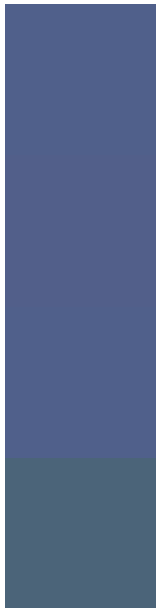
Protanopia
535F8A

Deuteranopia
50608B



Tritanopia
48666E

Trichromacy



Original Color
50608B

Protanomaly
525F8A

Deuteranomaly
50608B

Tritanomaly
4B6479

Monochromacy



Original Color
50608B

Achromatopsia
606060

Achromatomaly
5A6070

CSS Examples

Text

The CSS property to change the color of the text to Hex 50608B 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 #50608B looks like.

```
.text, #text, p{  
    color:#50608B  
}
```

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 #50608B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50608B
}
```

Border

The CSS property to change the border of an element to Hex 50608B 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
#50608B }
```

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

```
.border{ border-color:#50608B }
```

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

Here you see how a box with a 4 pixel #50608B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50608B; -webkit-box-shadow:4px 4px  
4px 4px #50608B; box-shadow:4px 4px 4px  
4px #50608B }
```

Background

The CSS property to change the background color of an element to Hex 50608B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50608B }
```

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

```
.background{ background-color:#50608B }
```

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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