

# Converting Colors

Hex(50498A)

Have a look what the booklet for  
Hex(50498A) contains.

<b>Hex(50498A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(50498A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	50498A
RGB	80, 73, 138
RGB Percent	31%, 29%, 54%
CMY	0.6863, 0.7137, 0.4588
CMYK	0.42, 0.47, 0.00, 0.46
HSL	246°, 31%, 41%
HSV	246°, 47%, 54%
XYZ	10.2783, 8.3055, 25.1062
YIQ	82.5030, -16.6930, 21.6990

# Conversions

## Conversions Part 2

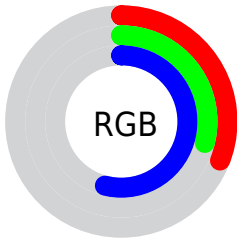
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	80, 73, 138
Decimal	5261706
CIE <sub>Lab</sub>	34.61, 20.06, -35.38
CIE <sub>LCh</sub>	35, 40.672, 299.552
Yxy	8.3055, 0.2353, 0.1901
Android (android.graphics.Color)	4283451786 (0xFF50498A)
YUV	82.5030, 27.3600, -2.1951
Hunter-Lab	28.8193, 13.2272, -31.4774

# Details

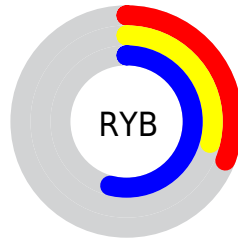
The Hex color **50498A** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **838A49**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **847AC0**, and **1C1D57** is the 20% darker color. If you saturate the color by 10%, you get **443B8A**, and if you desaturate by 10%, it is **5C578A**.

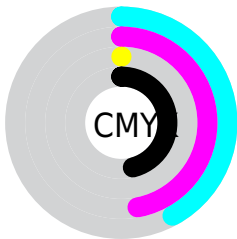
# Distribution



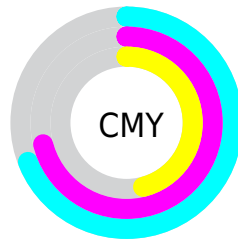
- Red (31%)
- Green (29%)
- Blue (54%)



- Red (31%)
- Yellow (29%)
- Blue (54%)



- Cyan (42%)
- Magenta (47%)
- Yellow (0%)
- Black (46%)



- Cyan (69%)
- Magenta (71%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 50498A 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 50498A by changing the saturation by 10% instead.



■ 50498A

■ 50498A

FFFFFF

■ 373270

■ 847AC0

■ 1C1D57

■ 9F93DC

■ 000740

■ BBAEF9

■ 000329

■ D7C9FF

■ 000113

■ F4E6FF

■ 000000

■ 50498A

■ 50498A

■ 443B8A

■ 5C578A

■ 372D8A

■ 69658A

■ 2B208A

■ 75728A

■ 1F128A

■ 81808A

■ 12048A

■ 8E8E8A

■ 0F008A

■ 9A9C8A

■ A6AA8A

■ B3B78A

■ BFC58A

# Harmonies

## Analogous

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



005592



50498A



783B73

# Triad

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



50498A



7B4318



006150

# Complementary

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



50498A



838A49

# 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.



0B5E2F



50498A



625007

# Square

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



50498A



8A3633



425913



006070

# Rectangle

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



50498A



86345E



425913



006045



# Sweetspot

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



50498A



9C9AB3



49838A



4C4A59



D9D9D9



595959



# Same Dimension

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



50498A



584DB3



70498A



3F3E45



0E0085



010005



# Inverse Universe

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



8A4983



B34DA8



638A49



453E44



850076



050005



# Previews

## White Background



This preview shows how the Hex color 50498A looks on a white background.

## Color Contrast Check

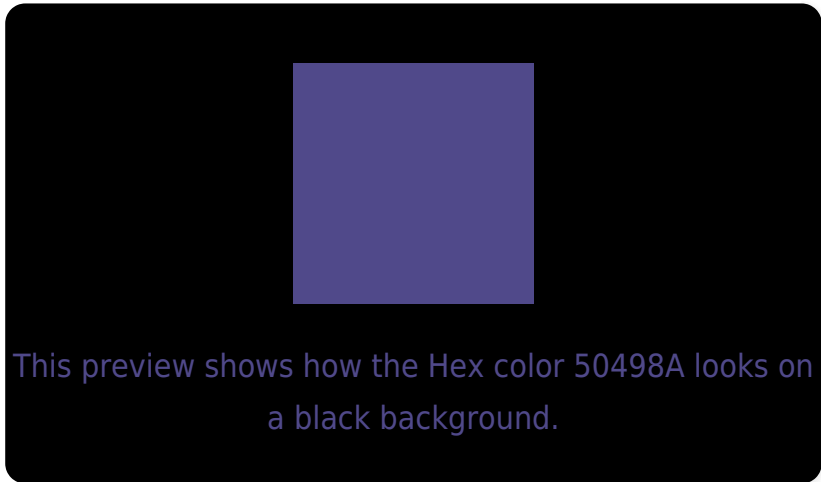
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

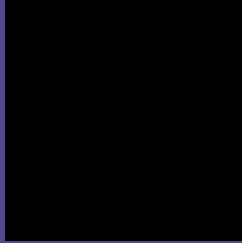
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 50498A Background



This preview shows how black text looks on a background with the Hex color 50498A.



This preview shows how white text looks on a background with the Hex color 50498A.

# 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





**Tritanopia**  
44545B

# Trichromacy



**Original Color**  
50498A

**Protanomaly**  
3E4D8E

**Deuteranomaly**  
3A4F89

**Tritanomaly**  
48506C

# Monochromacy



**Original Color**  
50498A

**Achromatopsia**  
535353

**Achromatomaly**  
524F67

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 50498A 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 #50498A looks like.

```
.text, #text, p{  
    color:#50498A  
}
```

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 #50498A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50498A
}
```

## Border

The CSS property to change the border of an element to Hex 50498A 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
#50498A }
```

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

```
.border{ border-color:#50498A }
```

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

Here you see how a box with a 4 pixel #50498A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50498A; -webkit-box-shadow:4px 4px  
4px 4px #50498A; box-shadow:4px 4px 4px  
4px #50498A }
```

# Background

The CSS property to change the background color of an element to Hex 50498A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50498A }
```

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

```
.background{ background-color:#50498A }
```

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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