

# Converting Colors

Hex(52588C)

Have a look what the booklet for  
Hex(52588C) contains.

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# Color

Hex(52588C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	52588C
RGB	82, 88, 140
RGB Percent	32%, 35%, 55%
CMY	0.6784, 0.6549, 0.4510
CMYK	0.41, 0.37, 0.00, 0.45
HSL	234°, 26%, 44%
HSV	234°, 41%, 55%
XYZ	11.7030, 10.6667, 26.2530
YIQ	92.1340, -20.2680, 14.9000

# Conversions

## Conversions Part 2

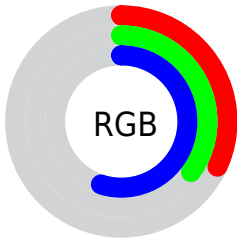
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	82, 87, 140
Decimal	5396620
CIE <sub>Lab</sub>	39.01, 11.62, -29.63
CIE <sub>LCh</sub>	39, 31.827, 291.413
Yxy	10.6667, 0.2407, 0.2194
Android (android.graphics.Color)	4283586700 (0xFF52588C)
YUV	92.1340, 23.5979, -8.8875
Hunter-Lab	32.6600, 6.8068, -24.7970

# Details

The Hex color **52588C** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8C8652**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **868AC2**, and **1F2B5A** is the 20% darker color. If you saturate the color by 10%, you get **444B8C**, and if you desaturate by 10%, it is **60658C**.

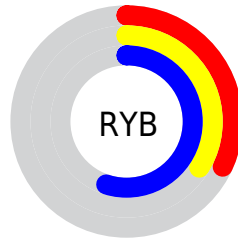
# Distribution



Red (32%)

Green (35%)

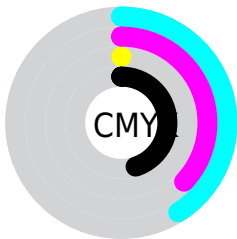
Blue (55%)



Red (32%)

Yellow (34%)

Blue (55%)

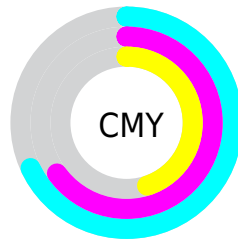


Cyan (41%)

Magenta (37%)

Yellow (0%)

Black (45%)



Cyan (68%)

Magenta (65%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 52588C 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 52588C by changing the saturation by 10% instead.



■ 52588C

■ 52588C

FFFFFF

■ 394172

■ 868AC2

■ 1F2B5A

■ A1A4DE

■ 011742

■ BCBFFB

■ 00002C

■ D9DBFF

■ 000116

■ F5F7FF

■ 000000

■ 52588C

■ 52588C

■ 444B8C

■ 60658C

■ 363F8C

■ 6E718C

■ 28328C

■ 7C7E8C

■ 1A268C

■ 8A8A8C

■ 0C198C

■ 98978C

■ 000E8C

■ A6A38C

■ B4B08C

■ C2BC8C

■ D0C98C

# Harmonies

## Analogous

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



17618F



52588C



754E7C

# Triad

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



52588C



844E34



026953

# Complementary

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



52588C



8C8652

# 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.



3A663A



52588C



725828

# Square

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



52588C



8D474A



59602A



00696E

# Rectangle

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



52588C



83496D



59602A



1E684B



# Sweetspot

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



52588C



9FA2B5



528C85



4F505C



DBDBDB



5C5C5C



# Same Dimension

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



52588C



5B64B5



68528C



3E3F45



000E85



000105



# Inverse Universe

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



8C5258



B55B64



768C52



453E3F



85000E



050001



# Previews

## White Background



This preview shows how the Hex color 52588C looks on a white background.

## Color Contrast Check

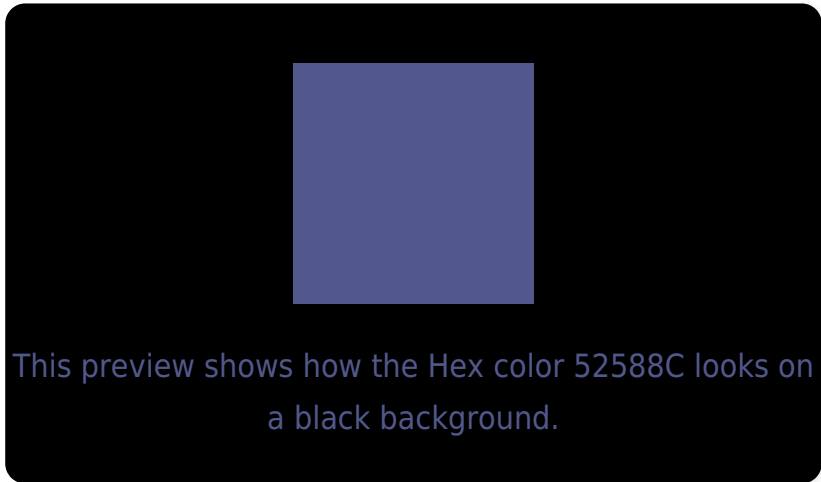
Large Text (above 18pt) WCAG AA ✓ Pass

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

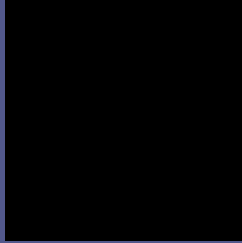
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 52588C Background



This preview shows how black text looks on a background with the Hex color 52588C.

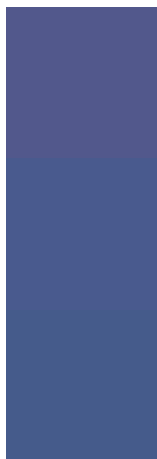


This preview shows how white text looks on a background with the Hex color 52588C.

# 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**  
52588C

**Protanopia**  
495A8E

**Deuteranopia**  
455B8B



**Tritanopia**  
496067

# Trichromacy



**Original Color**  
52588C

**Protanomaly**  
4C598D

**Deuteranomaly**  
4A5A8B

**Tritanomaly**  
4C5D74

# Monochromacy



**Original Color**  
52588C

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
585B6D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 52588C 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 #52588C looks like.

```
.text, #text, p{  
    color:#52588C  
}
```

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 #52588C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52588C
}
```

## Border

The CSS property to change the border of an element to Hex 52588C 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".

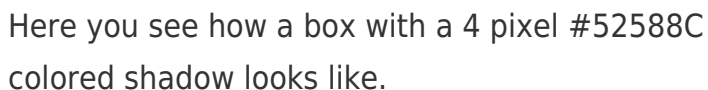
```
.border, #border, table{ border:4px solid
#52588C }
```

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

```
.border{ border-color:#52588C }
```

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

Here you see how a box with a 4 pixel #52588C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52588C; -webkit-box-shadow:4px 4px  
4px 4px #52588C; box-shadow:4px 4px 4px  
4px #52588C }
```

# Background

The CSS property to change the background color of an element to Hex 52588C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52588C }
```

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

```
.background{ background-color:#52588C }
```

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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