

Converting Colors

Hex(53578B)

Have a look what the booklet for
Hex(53578B) contains.

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Color

Hex(53578B)

Conversions

Conversions Part 1

Format	Color
Hex	53578B
RGB	83, 87, 139
RGB Percent	33%, 34%, 55%
CMY	0.6745, 0.6588, 0.4549
CMYK	0.40, 0.37, 0.00, 0.45
HSL	236°, 25%, 44%
HSV	236°, 40%, 55%
XYZ	11.6357, 10.5195, 25.8433
YIQ	91.7320, -19.0760, 15.3240

Conversions

Conversions Part 2

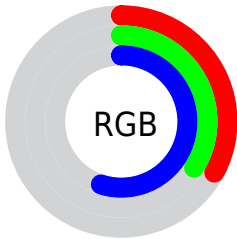
Format	Color
R_{YB}	83, 87, 139
Decimal	5461899
CIE _{Lab}	38.76, 12.24, -29.42
CIE _{LCh}	39, 31.862, 292.587
Yxy	10.5195, 0.2424, 0.2192
Android (android.graphics.Color)	4283651979 (0xFF53578B)
YUV	91.7320, 23.3031, -7.6580
Hunter-Lab	32.4337, 7.2782, -24.5388

Details

The Hex color **53578B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8B8753**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **8789C1**, and **212A59** is the 20% darker color. If you saturate the color by 10%, you get **454A8B**, and if you desaturate by 10%, it is **61648B**.

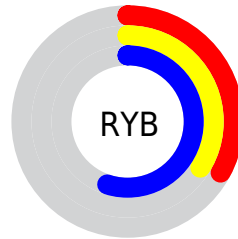
Distribution



Red (33%)

Green (34%)

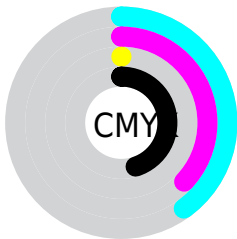
Blue (55%)



Red (33%)

Yellow (34%)

Blue (55%)

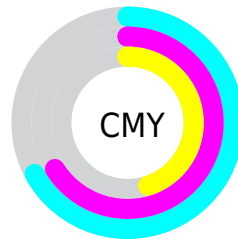


Cyan (40%)

Magenta (37%)

Yellow (0%)

Black (45%)



Cyan (67%)

Magenta (66%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53578B 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 53578B by changing the saturation by 10% instead.

■ 53578B

■ 53578B

FFFFFF

■ 3A4071

■ 8789C1

■ 212A59

■ A2A3DD

■ 041641

■ BDBEF9

■ 00002B

■ D9DAFF

■ 000115

■ F6F6FF

■ 000000

■ 53578B

■ 53578B

■ 454A8B

■ 61648B

■ 373D8B

■ 6F718B

■ 29308B

■ 7D7E8B

■ 1B238B

■ 8B8B8B

■ 0E168B

■ 99988B

■ 000A8B

■ A6A48B

■ B4B18B

■ C2BE8B

■ D0CB8B

Harmonies

Analogous

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



19608E



53578B



754D7B

Triad

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



53578B



834E33



006854

Complementary

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



53578B



8B8753

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.



38653B



53578B



705827

Square

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



53578B



8C4749



57602A



00686E

Rectangle

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



53578B



83486B



57602A



1B674B

Sweetspot

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



53578B



9FA1B5



538B86



4F505C



DBDBDB



5C5C5C

Same Dimension

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



53578B



5E64B5



6A538B



3E3E45



000985



000005

Inverse Universe

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



8B5357



B55E64



748B53



453E3E



850009



050000

Previews

White Background



This preview shows how the Hex color 53578B looks on a white background.

Color Contrast Check

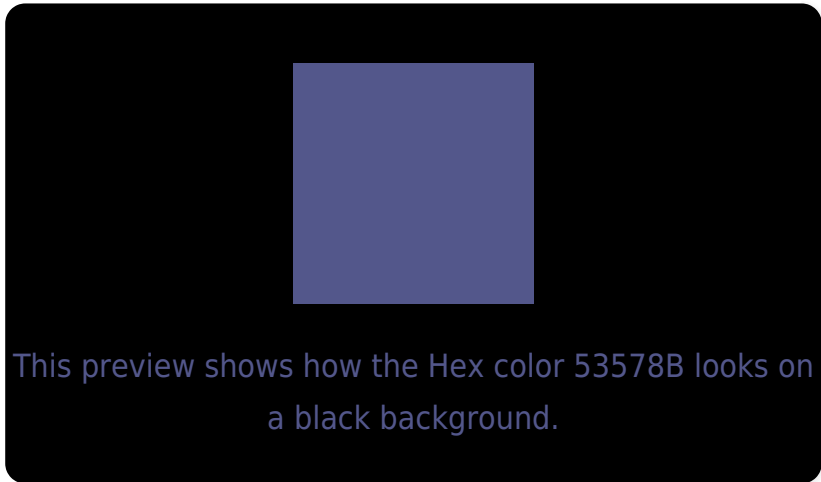
Large Text (above 18pt) WCAG AA ✓ Pass

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

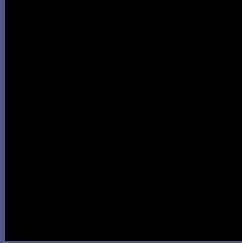
Any Text WCAG AA × Fail

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 53578B Background



This preview shows how black text looks on a background with the Hex color 53578B.

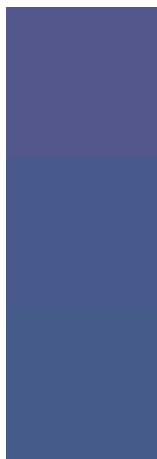


This preview shows how white text looks on a background with the Hex color 53578B.

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
53578B

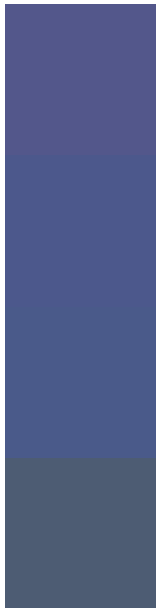
Protanopia
48598D

Deuteranopia
455B8A



Tritanopia
4A5F66

Trichromacy



Original Color
53578B

Protanomaly
4C588C

Deuteranomaly
4A5A8A

Tritanomaly
4D5C73

Monochromacy



Original Color
53578B

Achromatopsia
5C5C5C

Achromatomaly
595A6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 53578B 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 #53578B looks like.

```
.text, #text, p{  
    color:#53578B  
}
```

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 #53578B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53578B
}
```

Border

The CSS property to change the border of an element to Hex 53578B 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
#53578B }
```

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

```
.border{ border-color:#53578B }
```

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

Here you see how a box with a 4 pixel #53578B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53578B; -webkit-box-shadow:4px 4px  
4px 4px #53578B; box-shadow:4px 4px 4px  
4px #53578B }
```

Background

The CSS property to change the background color of an element to Hex 53578B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53578B }
```

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

```
.background{ background-color:#53578B }
```

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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