

Converting Colors

Hex(5C538B)

Have a look what the booklet for
Hex(5C538B) contains.

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Color

Hex(5C538B)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 5C538B |
| RGB | 92, 83, 139 |
| RGB Percent | 36%, 33%, 55% |
| CMY | 0.6392, 0.6745, 0.4549 |
| CMYK | 0.34, 0.40, 0.00, 0.45 |
| HSL | 250°, 25%, 44% |
| HSV | 250°, 40%, 55% |
| XYZ | 12.1671, 10.3259, 25.7779 |
| YIQ | 92.0750, -12.6120, 19.3240 |

Conversions

Conversions Part 2

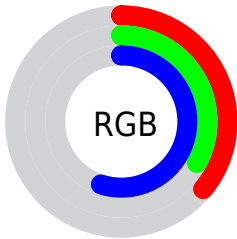
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 92, 83, 139 |
| Decimal | 6050699 |
| CIE _{Lab} | 38.42, 17.42, -29.90 |
| CIE _{LCh} | 38, 34.600, 300.226 |
| Yxy | 10.3259, 0.2521, 0.2139 |
| Android (android.graphics.Color) | 4284240779 (0xFF5C538B) |
| YUV | 92.0750, 23.1340, -0.0658 |
| Hunter-Lab | 32.1339, 11.3522, -25.0688 |

Details

The Hex color **5C538B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **828B53**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **9085C1**, and **2B2659** is the 20% darker color. If you saturate the color by 10%, you get **50458B**, and if you desaturate by 10%, it is **68618B**.

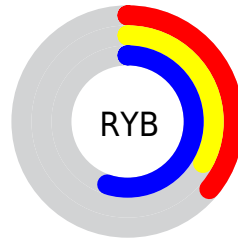
Distribution



Red (36%)

Green (33%)

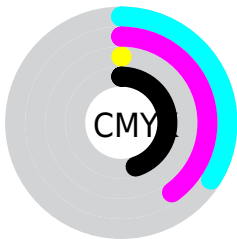
Blue (55%)



Red (36%)

Yellow (33%)

Blue (55%)

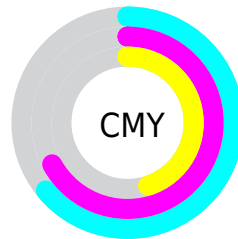


Cyan (34%)

Magenta (40%)

Yellow (0%)

Black (45%)



Cyan (64%)

Magenta (67%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C538B 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 5C538B by changing the saturation by 10% instead.

■ 5C538B

■ 5C538B

FFFFFF

■ 433C71

■ 9085C1

■ 2B2659

■ AB9FDD

■ 111241

■ C7BAF9

■ 00002B

■ E3D5FF

■ 000115

■ FFF2FF

■ 000000

■ 5C538B

■ 5C538B

■ 50458B

■ 68618B

■ 45378B

■ 736F8B

■ 39298B

■ 7F7D8B

■ 2D1B8B

■ 8B8B8B

■ 220E8B

■ 96998B

■ 16008B

■ A2A68B

■ AEB48B

■ B9C28B

■ C5D08B

Harmonies

Analogous

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



225D92



5C538B



7D4877

Triad

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



5C538B



804F2A



00685A

Complementary

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



5C538B



828B53

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.



28663D



5C538B



6A5920

Square

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



5C538B



8D4540



4E6128



006876

Rectangle

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



5C538B



894365



4E6128



006850

Sweetspot

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



5C538B



A39FB5



53838B



514F5C



DBDBDB



5C5C5C

Same Dimension

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



5C538B



6C5EB5



77538B



3F3E45



150085



010005

Inverse Universe

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



8B5382



B55EA7



678B53



453E44



85006F



050004

Previews

White Background



This preview shows how the Hex color 5C538B looks on a white background.

Color Contrast Check

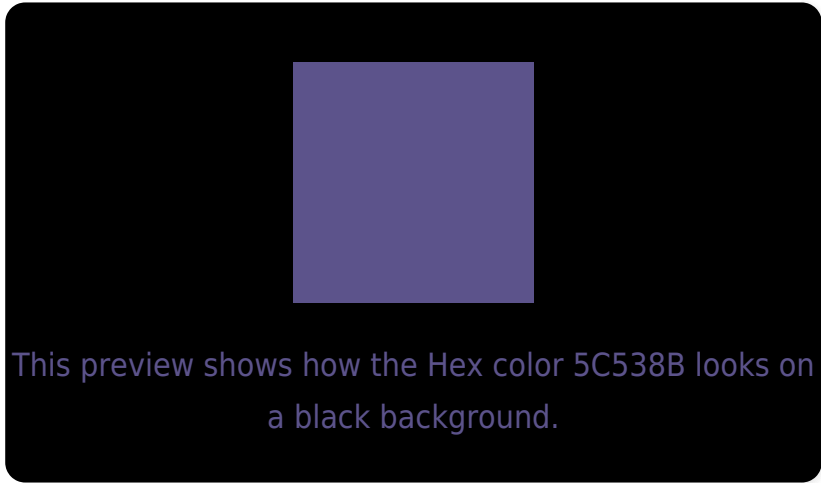
Large Text (above 18pt) WCAG AA ✓ Pass

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

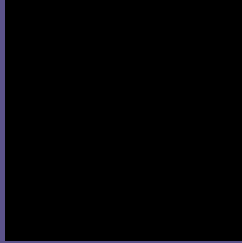
Any Text WCAG AA × Fail

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 5C538B Background



This preview shows how black text looks on a background with the Hex color 5C538B.



This preview shows how white text looks on a background with the Hex color 5C538B.

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](#).

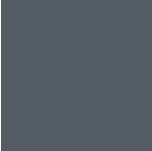
Dichromacy



Original Color
5C538B

Protanopia
455990

Deuteranopia
445A89



Tritanopia
535C63

Trichromacy



Original Color
5C538B

Protanomaly
4D578E

Deuteranomaly
4D578A

Tritanomaly
565972

Monochromacy



Original Color
5C538B

Achromatopsia
5C5C5C

Achromatomaly
5C596D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C538B 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 #5C538B looks like.

```
.text, #text, p{  
    color:#5C538B  
}
```

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 #5C538B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C538B
}
```

Border

The CSS property to change the border of an element to Hex 5C538B 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
#5C538B }
```

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

```
.border{ border-color:#5C538B }
```

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

Here you see how a box with a 4 pixel #5C538B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C538B; -webkit-box-shadow:4px 4px  
4px 4px #5C538B; box-shadow:4px 4px 4px  
4px #5C538B }
```

Background

The CSS property to change the background color of an element to Hex 5C538B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C538B }
```

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

```
.background{ background-color:#5C538B }
```

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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