

Converting Colors

Hex(51218F)

Have a look what the booklet for
Hex(51218F) contains.

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Color

Hex(51218F)

Conversions

Conversions Part 1

Format	Color
Hex	51218F
RGB	81, 33, 143
RGB Percent	32%, 13%, 56%
CMY	0.6824, 0.8706, 0.4392
CMYK	0.43, 0.77, 0.00, 0.44
HSL	266°, 62%, 35%
HSV	266°, 77%, 56%
XYZ	8.8951, 4.8202, 26.4482
YIQ	59.8920, -6.7020, 44.3860

Conversions

Conversions Part 2

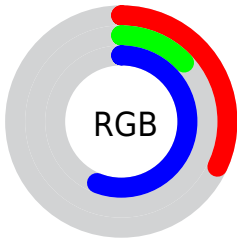
Format	Color
R_{YB}	81, 33, 143
Decimal	5317007
CIE Lab	26.22, 45.04, -52.00
CIE LCh	26, 68.796, 310.897
Yxy	4.8202, 0.2215, 0.1200
Android (android.graphics.Color)	4283507087 (0xFF51218F)
YUV	59.8920, 40.9722, 18.5117
Hunter-Lab	21.9550, 33.8985, -56.0555

Details

The Hex color **51218F** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **5F8F21**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **8853C6**, and **16005B** is the 20% darker color. If you saturate the color by 10%, you get **49138F**, and if you desaturate by 10%, it is **592F8F**.

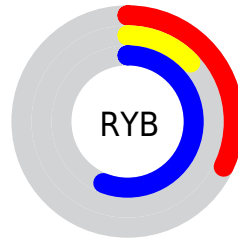
Distribution



Red (32%)

Green (13%)

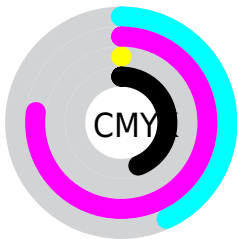
Blue (56%)



Red (32%)

Yellow (13%)

Blue (56%)

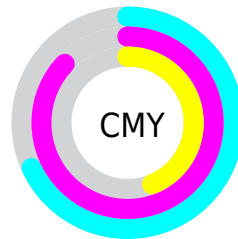


Cyan (43%)

Magenta (77%)

Yellow (0%)

Black (44%)



Cyan (68%)

Magenta (87%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51218F 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 51218F by changing the saturation by 10% instead.

■ 51218F

■ 51218F

FFFFFF

■ 350575

■ 8853C6

■ 16005B

■ A46CE2

■ 000043

■ C086FF

■ 00032C

■ DDA1FF

■ 000116

■ FBBDFE

■ 000000

■ FFD9FF

■ FFF6FF

■ 51218F

■ 51218F

■ 49138F

■ 592F8F

■ 41048F

■ 613E8F

■ 3E008F

■ 694C8F

■ 715A8F

■ 79688F

■ 81778F

■ 89858F

■ 91938F

■ 9AA28F

Harmonies

Analogous

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



0040A8



51218F



860062

Triad

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



51218F



672E00



005151

Complementary

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



51218F



5F8F21

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.



005018



51218F



3C4200

Square

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



51218F



870000



004C00



005283

Rectangle

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



51218F



92003F



004C00



00513E

Sweetspot

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



51218F



A28FBA



215F8F



4F445E



DEDEDE



5E5E5E

Same Dimension

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



51218F



5A0FBA



88218F



434047



3B0087



030008

Inverse Universe

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



8F215F



BA0F6F



288F21



474044



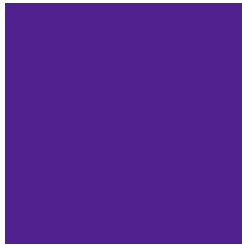
87004C



080004

Previews

White Background



This preview shows how the Hex color 51218F looks on a white background.

Color Contrast Check

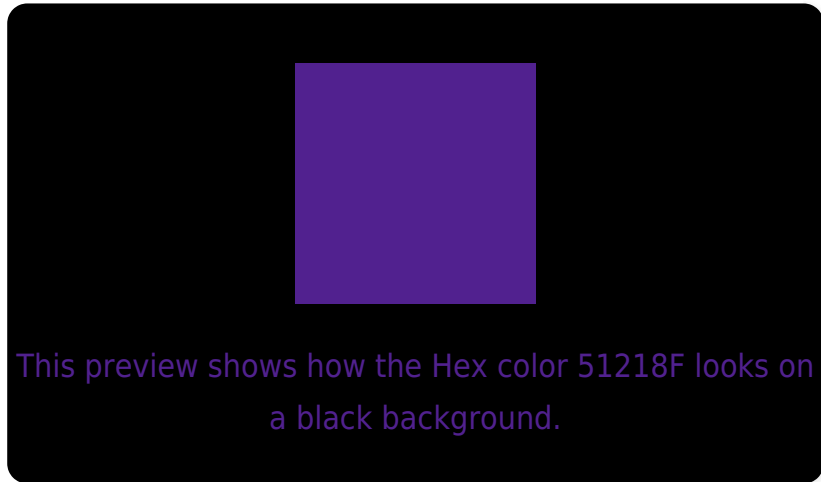
Large Text (above 18pt) WCAG AA ✓ Pass

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

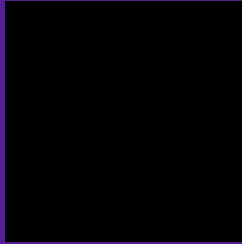
Any Text WCAG AA × Fail

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 51218F Background



This preview shows how black text looks on a background with the Hex color 51218F.



This preview shows how white text looks on a background with the Hex color 51218F.

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
51218F

Protanopia
003D80

Deuteranopia
00416E



Tritanopia
3F3E43

Trichromacy



Original Color
51218F

Protanomaly
1D3385

Deuteranomaly
1D357A

Tritanomaly
46335F

Monochromacy



Original Color
51218F

Achromatopsia
3C3C3C

Achromatomaly
44325A

CSS Examples

Text

The CSS property to change the color of the text to Hex 51218F 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 #51218F looks like.

```
.text, #text, p{  
    color:#51218F  
}
```

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 #51218F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51218F
}
```

Border

The CSS property to change the border of an element to Hex 51218F is called "border". The border property can be set on classes, ids or directly on the HTML element.

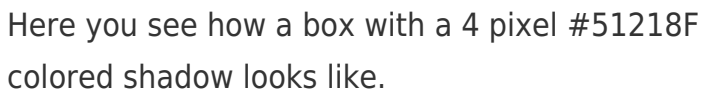
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#51218F }
```

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

```
.border{ border-color:#51218F }
```

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



Here you see how a box with a 4 pixel #51218F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51218F; -webkit-box-shadow:4px 4px  
4px 4px #51218F; box-shadow:4px 4px 4px  
4px #51218F }
```

Background

The CSS property to change the background color of an element to Hex 51218F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51218F }
```

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

```
.background{ background-color:#51218F }
```

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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