

Converting Colors

Hex(50278F)

Have a look what the booklet for
Hex(50278F) contains.

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Color

Hex(50278F)

Conversions

Conversions Part 1

Format	Color
Hex	50278F
RGB	80, 39, 143
RGB Percent	31%, 15%, 56%
CMY	0.6863, 0.8471, 0.4392
CMYK	0.44, 0.73, 0.00, 0.44
HSL	264°, 57%, 36%
HSV	264°, 73%, 56%
XYZ	8.9917, 5.1397, 26.5047
YIQ	63.1150, -8.9480, 41.0360

Conversions

Conversions Part 2

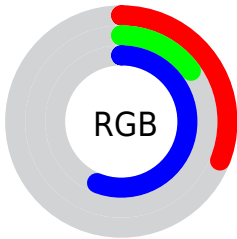
Format	Color
R_{YB}	80, 39, 143
Decimal	5253007
CIE _{Lab}	27.13, 41.93, -50.52
CIE _{LCh}	27, 65.649, 309.690
Yxy	5.1397, 0.2213, 0.1265
Android (android.graphics.Color)	4283443087 (0xFF50278F)
YUV	63.1150, 39.3833, 14.8081
Hunter-Lab	22.6709, 31.1226, -53.4469

Details

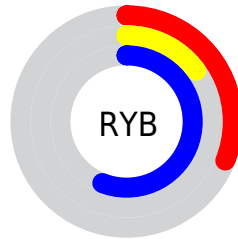
The Hex color **50278F** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **668F27**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **8758C6**, and **15005C** is the 20% darker color. If you saturate the color by 10%, you get **47198F**, and if you desaturate by 10%, it is **59358F**.

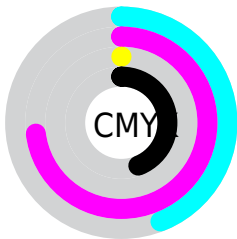
Distribution



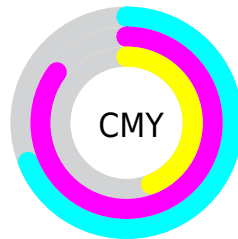
- Red (31%)
- Green (15%)
- Blue (56%)



- Red (31%)
- Yellow (15%)
- Blue (56%)



- Cyan (44%)
- Magenta (73%)
- Yellow (0%)
- Black (44%)



- Cyan (69%)
- Magenta (85%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50278F 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 50278F by changing the saturation by 10% instead.

50278F

50278F

FFFFFF

340E75

8758C6

15005C

A271E2

000043

BF8BFF

00032C

DCA6FF

000116

F9C2FF

000000

FFDEFF

FFFBFF

50278F

50278F

■ 47198F

■ 59358F

■ 3F0A8F

■ 61448F

■ 38008F

■ 6A528F

■ 73608F

■ 7B6F8F

■ 847D8F

■ 8D8B8F

■ 95998F

■ 9EA88F

Harmonies

Analogous

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



0043A6



50278F



840064

Triad

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



50278F



6A3000



005350

Complementary

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



50278F



668F27

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.



00511A



50278F



414400

Square

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



50278F



880000



004D00



005380

Rectangle

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



50278F



910043



004D00



00533E

Sweetspot

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



50278F



A191BA



27678F



4F465E



DEDEDE



5E5E5E

Same Dimension

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



50278F



5818BA



83278F



434047



350087



030008

Inverse Universe

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



8F2766



BA187A



338F27



474045



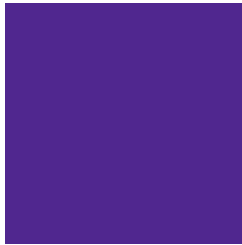
870052



080005

Previews

White Background



This preview shows how the Hex color 50278F looks on a white background.

Color Contrast Check

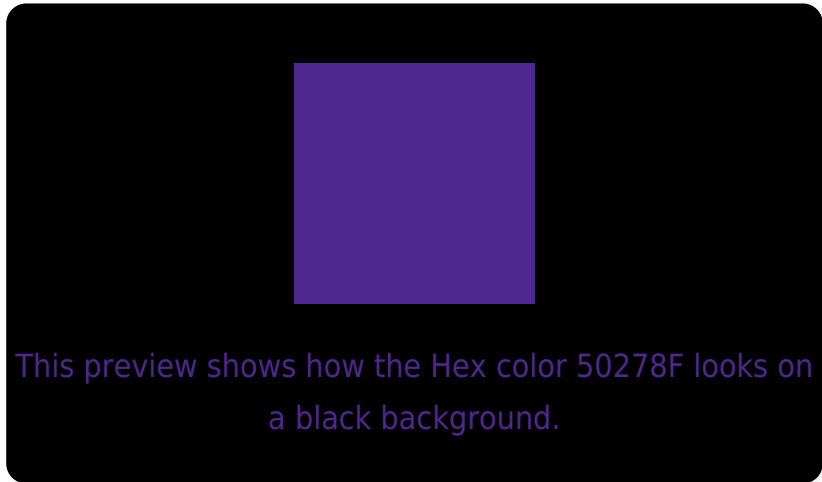
Large Text (above 18pt) WCAG AA ✓ Pass

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 50278F Background



This preview shows how black text looks on a background with the Hex color 50278F.



This preview shows how white text looks on a background with the Hex color 50278F.

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](#).

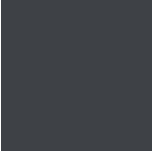
Dichromacy



Original Color
50278F

Protanopia
003E84

Deuteranopia
004272



Tritanopia
3E4146

Trichromacy



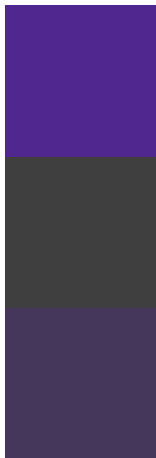
Original Color
50278F

Protanomaly
1D3688

Deuteranomaly
1D387D

Tritanomaly
453861

Monochromacy



Original Color
50278F

Achromatopsia
3F3F3F

Achromatomaly
45365C

CSS Examples

Text

The CSS property to change the color of the text to Hex 50278F 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 #50278F looks like.

```
.text, #text, p{  
    color:#50278F  
}
```

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 #50278F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50278F
}
```

Border

The CSS property to change the border of an element to Hex 50278F is called "border". The border property can be set on classes, ids or directly on the HTML element.

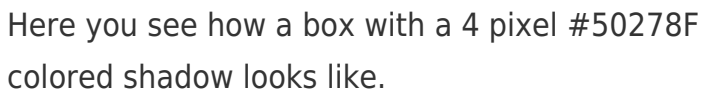
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#50278F }
```

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

```
.border{ border-color:#50278F }
```

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



Here you see how a box with a 4 pixel #50278F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50278F; -webkit-box-shadow:4px 4px  
4px 4px #50278F; box-shadow:4px 4px 4px  
4px #50278F }
```

Background

The CSS property to change the background color of an element to Hex 50278F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50278F }
```

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

```
.background{ background-color:#50278F }
```

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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