

Converting Colors

Hex(5F2178)

Have a look what the booklet for
Hex(5F2178) contains.

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Color

Hex(5F2178)

Conversions

Conversions Part 1

Format	Color
Hex	5F2178
RGB	95, 33, 120
RGB Percent	37%, 13%, 47%
CMY	0.6275, 0.8706, 0.5294
CMYK	0.21, 0.72, 0.00, 0.53
HSL	283°, 57%, 30%
HSV	283°, 72%, 47%
XYZ	8.6533, 4.8767, 18.2545
YIQ	61.4560, 9.0250, 40.2010

Conversions

Conversions Part 2

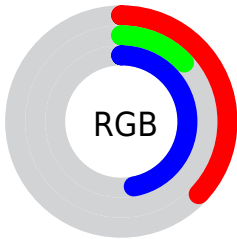
Format	Color
RYB	95, 33, 120
Decimal	6234488
CIELab	26.38, 42.26, -37.21
CIElCh	26, 56.306, 318.634
Yxy	4.8767, 0.2723, 0.1534
Android (android.graphics.Color)	4284424568 (0xFF5F2178)
YUV	61.4560, 28.8622, 29.4181
Hunter-Lab	22.0832, 31.2999, -33.5523

Details

The Hex color **5F2178** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **3A7821**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **9453AD**, and **2C0047** is the 20% darker color. If you saturate the color by 10%, you get **5C1578**, and if you desaturate by 10%, it is **622D78**.

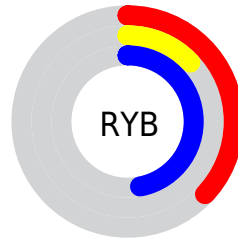
Distribution



Red (37%)

Green (13%)

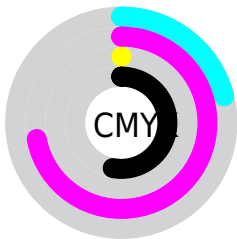
Blue (47%)



Red (37%)

Yellow (13%)

Blue (47%)

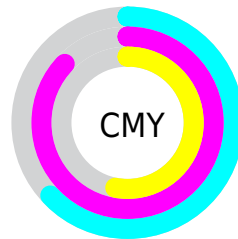


Cyan (21%)

Magenta (72%)

Yellow (0%)

Black (53%)



Cyan (63%)

Magenta (87%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F2178 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 5F2178 by changing the saturation by 10% instead.

 5F2178

 5F2178

FFFFFF

 45035F

 9453AD

 2C0047

 B06DC9

 150030

 CC87E5

 00011A

 E9A2FF

 000000

 FFBDFE

 FFDAFF

 FFF7FF

 5F2178

 5F2178

■ 5C1578

■ 622D78

■ 580978

■ 663978

■ 560078

■ 694578

■ 6D5178

■ 705D78

■ 746978

■ 777578

■ 7B8178

■ 7E8D78

Harmonies

Analogous

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



003B91



5F2178



800051

Triad

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



5F2178



5B3700



005059

Complementary

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



5F2178



3A7821

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.



004F2C



5F2178



354400

Square

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



5F2178



771E00



004C00



004F7F

Rectangle

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



5F2178



870034



004C00



00504A

Sweetspot

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



5F2178



92799C



213B78



493A4F



CFCFCF



4F4F4F

Same Dimension

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



5F2178



75149C



782167



3B373D



59007D



B400FC

Inverse Universe

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



78213A



9C143B



217832



3D3739



7D0024



FC0049

Previews

White Background



This preview shows how the Hex color 5F2178 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

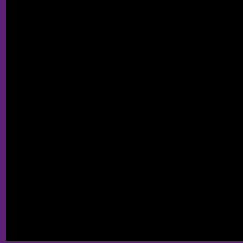
Any Text WCAG AA × Fail

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 5F2178 Background



This preview shows how black text looks on a background with the Hex color 5F2178.



This preview shows how white text looks on a background with the Hex color 5F2178.

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
5F2178

Protanopia
003D82

Deuteranopia
074172



Tritanopia
56373B

Trichromacy



Original Color
5F2178

Protanomaly
23337E

Deuteranomaly
273574

Tritanomaly
592F51

Monochromacy



Original Color
5F2178

Achromatopsia
3D3D3D

Achromatomaly
493352

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F2178 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 #5F2178 looks like.

```
.text, #text, p{  
    color:#5F2178  
}
```

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 #5F2178 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F2178  
}
```

Border

The CSS property to change the border of an element to Hex 5F2178 is called "border". The border property can be set on classes, ids or directly on the HTML element.

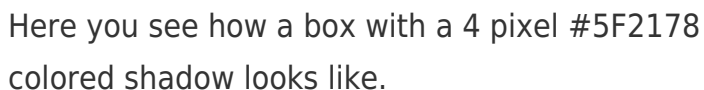
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#5F2178 }
```

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

```
.border{ border-color:#5F2178 }
```

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



Here you see how a box with a 4 pixel #5F2178 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F2178; -webkit-box-shadow:4px 4px  
4px 4px #5F2178; box-shadow:4px 4px 4px  
4px #5F2178 }
```

Background

The CSS property to change the background color of an element to Hex 5F2178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F2178 }
```

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

```
.background{ background-color:#5F2178 }
```

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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