

Converting Colors

Hex(5F294D)

Have a look what the booklet for
Hex(5F294D) contains.

Hex(5F294D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5F294D)

Conversions

Conversions Part 1

Format	Color
Hex	5F294D
RGB	95, 41, 77
RGB Percent	37%, 16%, 30%
CMY	0.6275, 0.8392, 0.6980
CMYK	0.00, 0.57, 0.19, 0.63
HSL	320°, 40%, 27%
HSV	320°, 57%, 37%
XYZ	6.8518, 4.5546, 7.5392
YIQ	61.2500, 20.6280, 22.6440

Conversions

Conversions Part 2

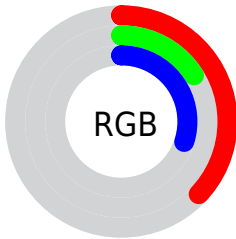
Format	Color
RYB	95, 41, 77
Decimal	6236493
CIELab	25.43, 29.53, -10.70
CIElCh	25, 31.412, 340.080
Yxy	4.5546, 0.3617, 0.2404
Android (android.graphics.Color)	4284426573 (0xFF5F294D)
YUV	61.2500, 7.7648, 29.5988
Hunter-Lab	21.3415, 19.9608, -6.0059

Details

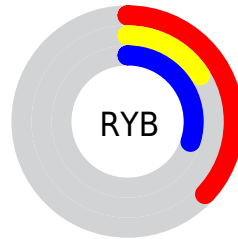
The Hex color **5F294D** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **295F3B**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **93597E**, and **2F0021** is the 20% darker color. If you saturate the color by 10%, you get **5F204A**, and if you desaturate by 10%, it is **5F3350**.

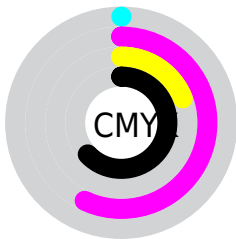
Distribution



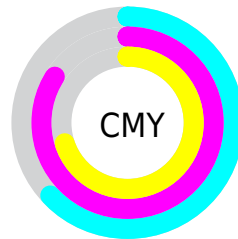
- Red (37%)
- Green (16%)
- Blue (30%)



- Red (37%)
- Yellow (16%)
- Blue (30%)



- Cyan (0%)
- Magenta (57%)
- Yellow (19%)
- Black (63%)



- Cyan (63%)
- Magenta (84%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F294D 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 5F294D by changing the saturation by 10% instead.

 5F294D

 5F294D

FFFFFF

 461136

 93597E

 2F0021

 AE7298

 140007

 CA8CB3

 000000

 E7A7CE

 FFC2EA

 FFDEFF

 FFFBFF

 5F294D

 5F294D

■ 5F204A

■ 5F3350

■ 5F1647

■ 5F3C53

■ 5F0D44

■ 5F4657

■ 5F0340

■ 5F4F5A

■ 5F003F

■ 5F595D

■ 5F6260

■ 5F6C63

■ 5F7566

■ 5F7E6A

Harmonies

Analogous

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



483261



5F294D



682635

Triad

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



5F294D



413E08



00475A

Complementary

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



5F294D



295F3B

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.



004844



5F294D



274315

Square

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



5F294D



56350D



00472B



004369

Rectangle

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



5F294D



662926



00472B



004753

Sweetspot

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



5F294D



7A6673



3B295F



3D3139



BDBDBD



3D3D3D

Same Dimension

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



5F294D



7A275F



5F2932



302C2F



70004B



F000A0

Inverse Universe

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



5F294D



7A275F



295F56



302C2F



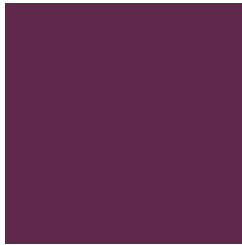
70004B



F000A0

Previews

White Background



This preview shows how the Hex color 5F294D 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

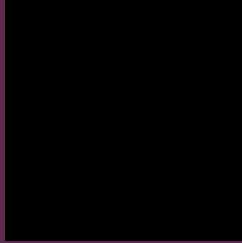
Any Text WCAG AA × Fail

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 5F294D Background



This preview shows how black text looks on a background with the Hex color 5F294D.



This preview shows how white text looks on a background with the Hex color 5F294D.

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
5F294D

Protanopia
323C5B

Deuteranopia
3D3C4A



Tritanopia
5C2F33

Trichromacy



Original Color
5F294D

Protanomaly
423556

Deuteranomaly
49354B

Tritanomaly
5D2D3C

Monochromacy



Original Color
5F294D

Achromatopsia
3D3D3D

Achromatomaly
493643

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F294D 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 #5F294D looks like.

```
.text, #text, p{  
    color:#5F294D  
}
```

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 #5F294D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F294D
}
```

Border

The CSS property to change the border of an element to Hex 5F294D 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
#5F294D }
```

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

```
.border{ border-color:#5F294D }
```

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

Here you see how a box with a 4 pixel #5F294D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F294D; -webkit-box-shadow:4px 4px  
4px 4px #5F294D; box-shadow:4px 4px 4px  
4px #5F294D }
```

Background

The CSS property to change the background color of an element to Hex 5F294D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F294D }
```

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

```
.background{ background-color:#5F294D }
```

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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