

Converting Colors

Hex(5F2C53)

Have a look what the booklet for
Hex(5F2C53) contains.

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Color

Hex(5F2C53)

Conversions

Conversions Part 1

Format	Color
Hex	5F2C53
RGB	95, 44, 83
RGB Percent	37%, 17%, 33%
CMY	0.6275, 0.8275, 0.6745
CMYK	0.00, 0.54, 0.13, 0.63
HSL	314°, 37%, 27%
HSV	314°, 54%, 37%
XYZ	7.1813, 4.8588, 8.7430
YIQ	63.6950, 17.8770, 22.9410

Conversions

Conversions Part 2

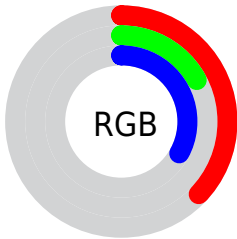
Format	Color
R_{YB}	95, 44, 83
Decimal	6237267
CIE _{Lab}	26.33, 28.93, -13.30
CIE _{LCh}	26, 31.839, 335.302
Yxy	4.8588, 0.3455, 0.2338
Android (android.graphics.Color)	4284427347 (0xFF5F2C53)
YUV	63.6950, 9.5174, 27.4545
Hunter-Lab	22.0427, 19.5792, -8.0868

Details

The Hex color **5F2C53** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2C5F38**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **935C85**, and **2F0026** is the 20% darker color. If you saturate the color by 10%, you get **5F2351**, and if you desaturate by 10%, it is **5F3655**.

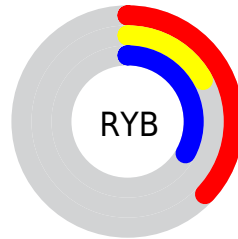
Distribution



Red (37%)

Green (17%)

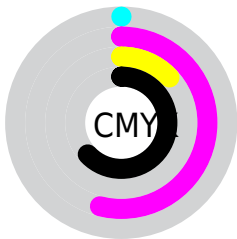
Blue (33%)



Red (37%)

Yellow (17%)

Blue (33%)

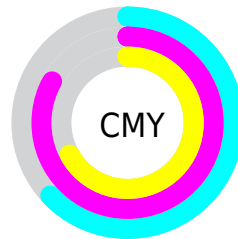


Cyan (0%)

Magenta (54%)

Yellow (13%)

Black (63%)



Cyan (63%)

Magenta (83%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F2C53 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 5F2C53 by changing the saturation by 10% instead.

 5F2C53

 5F2C53

FFFFFF

 46153C

 935C85

 2F0026

 AE759F

 160010

 CA8FBA

 000000

 E6AAD5

 FFC5F2

 FFE2FF

 5F2C53

 5F2C53

 5F2351

 5F3655

■ 5F194F

■ 5F3F57

■ 5F104C

■ 5F495A

■ 5F064A

■ 5F525C

■ 5F0049

■ 5F5C5E

■ 5F6560

■ 5F6F63

■ 5F7865

■ 5F8267

Harmonies

Analogous

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



453666



5F2C53



6A273B

Triad

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



5F2C53



473E09



00495A

Complementary

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



5F2C53



2C5F38

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.



004A42



5F2C53



2E4514

Square

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



5F2C53



5B3611



004829



00466A

Rectangle

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



5F2C53



6A2A2B



004829



004A52

Sweetspot

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



5F2C53



7A6776



382C5F



3D323A



BDBDBD



3D3D3D

Same Dimension

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



5F2C53



7A2C68



5F2C3A



302C2F



700056



F000B7

Inverse Universe

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



5F2C53



7A2C68



2C5F51



302C2F



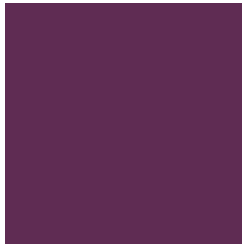
700056



F000B7

Previews

White Background



This preview shows how the Hex color 5F2C53 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

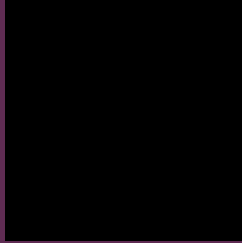
Any Text WCAG AA × Fail

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 5F2C53 Background



This preview shows how black text looks on a background with the Hex color 5F2C53.



This preview shows how white text looks on a background with the Hex color 5F2C53.

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
5F2C53

Protanopia
323E61

Deuteranopia
3C3E50



Tritanopia
5C3336

Trichromacy



Original Color
5F2C53

Protanomaly
42375C

Deuteranomaly
493751

Tritanomaly
5D3041

Monochromacy



Original Color
5F2C53

Achromatopsia
404040

Achromatomaly
4B3947

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F2C53 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 #5F2C53 looks like.

```
.text, #text, p{  
    color:#5F2C53  
}
```

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 #5F2C53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F2C53
}
```

Border

The CSS property to change the border of an element to Hex 5F2C53 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".

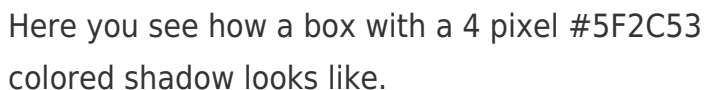
```
.border, #border, table{ border:4px solid
#5F2C53 }
```

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

```
.border{ border-color:#5F2C53 }
```

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

Here you see how a box with a 4 pixel #5F2C53 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F2C53; -webkit-box-shadow:4px 4px  
4px 4px #5F2C53; box-shadow:4px 4px 4px  
4px #5F2C53 }
```

Background

The CSS property to change the background color of an element to Hex 5F2C53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F2C53 }
```

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

```
.background{ background-color:#5F2C53 }
```

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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