

Converting Colors

Hex(5D233F)

Have a look what the booklet for
Hex(5D233F) contains.

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Color

Hex(5D233F)

Conversions

Conversions Part 1

Format	Color
Hex	5D233F
RGB	93, 35, 63
RGB Percent	36%, 14%, 25%
CMY	0.6353, 0.8627, 0.7529
CMYK	0.00, 0.62, 0.32, 0.64
HSL	331°, 45%, 25%
HSV	331°, 62%, 36%
XYZ	6.0124, 3.8881, 5.1362
YIQ	55.5340, 25.5800, 21.0040

Conversions

Conversions Part 2

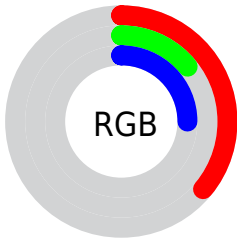
Format	Color
RYB	93, 35, 63
Decimal	6103871
CIELab	23.30, 29.84, -4.51
CIELCh	23, 30.174, 351.406
Yxy	3.8881, 0.3998, 0.2586
Android (android.graphics.Color)	4284293951 (0xFF5D233F)
YUV	55.5340, 3.6807, 32.8577
Hunter-Lab	19.7183, 19.9207, -1.6411

Details

The Hex color **5D233F** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **235D41**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **91536F**, and **2D0015** is the 20% darker color. If you saturate the color by 10%, you get **5D1A3A**, and if you desaturate by 10%, it is **5D2C44**.

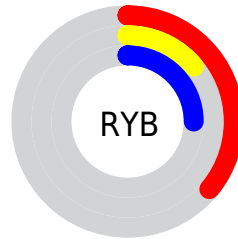
Distribution



Red (36%)

Green (14%)

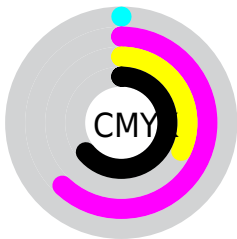
Blue (25%)



Red (36%)

Yellow (14%)

Blue (25%)

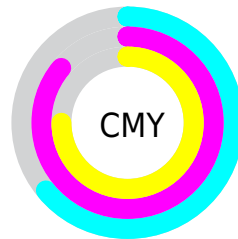


Cyan (0%)

Magenta (62%)

Yellow (32%)

Black (64%)



Cyan (64%)

Magenta (86%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D233F 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 5D233F by changing the saturation by 10% instead.

 5D233F

 5D233F

FFFFFF

 440A29

 91536F

 2D0015

 AD6C88

 020000

 C986A2

 000000

 E5A0BD

 FFBCD9

 FFD8F5

 FFF4FF

 5D233F

 5D233F

■ 5D1A3A

■ 5D2C44

■ 5D1035

■ 5D3649

■ 5D0731

■ 5D3F4D

■ 5D002D

■ 5D4852

■ 5D5257

■ 5D5B5C

■ 5D6461

■ 5D6D65

■ 5D776A

Harmonies

Analogous

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



4D2B54



5D233F



602428

Triad

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



5D233F



343B09



00415A

Complementary

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



5D233F



235D41

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.



004247



5D233F



17401A

Square

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



5D233F



493406



004230



003C64

Rectangle

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



5D233F



5C281B



004230



004155

Sweetspot

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



5D233F



78616C



41235D



3D2F36



BDBDBD



3D3D3D

Same Dimension

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



5D233F



781E49



5D2423



2E292C



6E0035



ED0072

Inverse Universe

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



5D233F



781E49



235C5D



2E292C



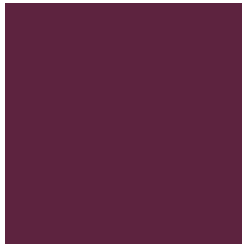
6E0035



ED0072

Previews

White Background



This preview shows how the Hex color 5D233F 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 5D233F Background



This preview shows how black text looks on a background with the Hex color 5D233F.



This preview shows how white text looks on a background with the Hex color 5D233F.

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
5D233F

Protanopia
32384D

Deuteranopia
3C373C



Tritanopia
5B282A

Trichromacy



Original Color
5D233F

Protanomaly
423048

Deuteranomaly
48303D

Tritanomaly
5C2632

Monochromacy



Original Color
5D233F

Achromatopsia
383838

Achromatomaly
45303B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D233F 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 #5D233F looks like.

```
.text, #text, p{  
    color:#5D233F  
}
```

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 #5D233F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D233F
}
```

Border

The CSS property to change the border of an element to Hex 5D233F is called "border". The border property can be set on classes, ids or directly on the HTML element.

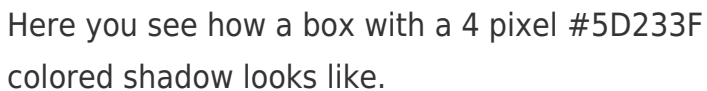
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D233F }
```

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

```
.border{ border-color:#5D233F }
```

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



Here you see how a box with a 4 pixel #5D233F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D233F; -webkit-box-shadow:4px 4px  
4px 4px #5D233F; box-shadow:4px 4px 4px  
4px #5D233F }
```

Background

The CSS property to change the background color of an element to Hex 5D233F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D233F }
```

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

```
.background{ background-color:#5D233F }
```

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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