

Converting Colors

Hex(5F0230)

Have a look what the booklet for
Hex(5F0230) contains.

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Color

Hex(5F0230)

Conversions

Conversions Part 1

Format	Color
Hex	5F0230
RGB	95, 2, 48
RGB Percent	37%, 1%, 19%
CMY	0.6275, 0.9922, 0.8118
CMYK	0.00, 0.98, 0.49, 0.63
HSL	330°, 96%, 19%
HSV	330°, 98%, 37%
XYZ	5.2745, 2.6897, 3.0375
YIQ	35.0510, 40.6620, 34.0220

Conversions

Conversions Part 2

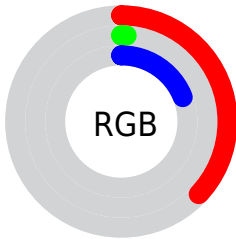
Format	Color
RYB	95, 2, 48
Decimal	6226480
CIELab	18.76, 40.91, -0.73
CIELCh	19, 40.912, 358.973
Yxy	2.6897, 0.4794, 0.2445
Android (android.graphics.Color)	4284416560 (0xFF5F0230)
YUV	35.0510, 6.3839, 52.5753
Hunter-Lab	16.4003, 28.7069, 0.4993

Details

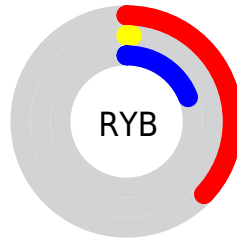
The Hex color **5F0230** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **025F31**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **963C5E**, and **2F0002** is the 20% darker color. If you saturate the color by 10%, you get **5F002F**, and if you desaturate by 10%, it is **5F0B35**.

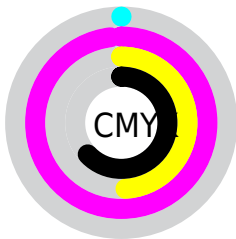
Distribution



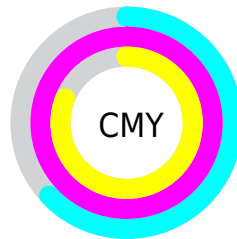
- Red (37%)
- Green (1%)
- Blue (19%)



- Red (37%)
- Yellow (1%)
- Blue (19%)



- Cyan (0%)
- Magenta (98%)
- Yellow (49%)
- Black (63%)



- Cyan (63%)
- Magenta (99%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F0230 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 5F0230 by changing the saturation by 10% instead.

 5F0230

 5F0230

 FFFBFF

 45001B

 963C5E

 2F0002

 B25676

 000000

 CF7090

 EC8AAA

 FFA6C6

 FFC1E2

 FFDEFE

 5F0230

 5F0230

■ 5F002F

■ 5F0B35

■ 5F153A

■ 5F1E3E

■ 5F2843

■ 5F3148

■ 5F3B4D

■ 5F4552

■ 5F4E56

■ 5F575B

Harmonies

Analogous

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



4F144D



5F0230



5E0C13

Triad

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



5F0230



1E3400



003861

Complementary

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



5F0230



025F31

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.



003A4A



5F0230



00380B

Square

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



5F0230



3A2C00



003A2C



00326A

Rectangle

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



5F0230



561900



003A2C



00395A

Sweetspot

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



5F0230



7A5768



30025F



3D2832



BDBDBD



3D3D3D

Same Dimension

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



5F0230



7A003D



5F0202



302C2E



700037



F00077

Inverse Universe

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



5F0230



7A003D



025F5F



302C2E



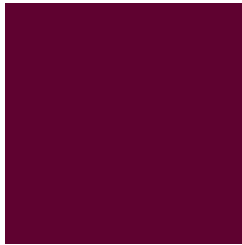
700037



F00077

Previews

White Background



This preview shows how the Hex color 5F0230 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

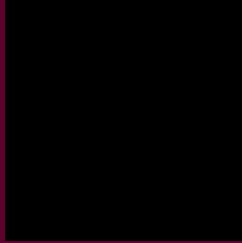
Any Text WCAG AA × Fail

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 5F0230 Background



This preview shows how black text looks on a background with the Hex color 5F0230.



This preview shows how white text looks on a background with the Hex color 5F0230.

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
5F0230

Protanopia
2B3145

Deuteranopia
38302C



Tritanopia
5E1313

Trichromacy



Original Color
5F0230

Protanomaly
3E203D

Deuteranomaly
461F2D

Tritanomaly
5E0D1E

Monochromacy



Original Color
5F0230

Achromatopsia
232323

Achromatomaly
391728

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F0230 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 #5F0230 looks like.

```
.text, #text, p{  
    color:#5F0230  
}
```

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 #5F0230 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F0230
}
```

Border

The CSS property to change the border of an element to Hex 5F0230 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".

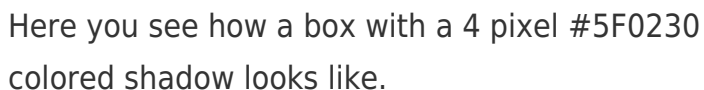
```
.border, #border, table{ border:4px solid
#5F0230 }
```

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

```
.border{ border-color:#5F0230 }
```

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

Here you see how a box with a 4 pixel #5F0230 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below the box, there is a thick dark red shadow that is 4 pixels wide and 4 pixels high, extending to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F0230; -webkit-box-shadow:4px 4px  
4px 4px #5F0230; box-shadow:4px 4px 4px  
4px #5F0230 }
```

Background

The CSS property to change the background color of an element to Hex 5F0230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F0230 }
```

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

```
.background{ background-color:#5F0230 }
```

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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