

Converting Colors

Hex(5F1330)

Have a look what the booklet for
Hex(5F1330) contains.

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Color

Hex(5F1330)

Conversions

Conversions Part 1

Format	Color
Hex	5F1330
RGB	95, 19, 48
RGB Percent	37%, 7%, 19%
CMY	0.6275, 0.9255, 0.8118
CMYK	0.00, 0.80, 0.49, 0.63
HSL	337°, 67%, 22%
HSV	337°, 80%, 37%
XYZ	5.4857, 3.1120, 3.1079
YIQ	45.0300, 35.9870, 25.1310

Conversions

Conversions Part 2

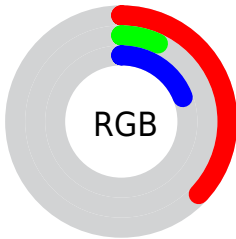
Format	Color
RYB	95, 19, 48
Decimal	6230832
CIELab	20.49, 35.95, 1.79
CIElCh	20, 35.999, 2.845
Yxy	3.1120, 0.4686, 0.2659
Android (android.graphics.Color)	4284420912 (0xFF5F1330)
YUV	45.0300, 1.4642, 43.8237
Hunter-Lab	17.6410, 24.6351, 1.9034

Details

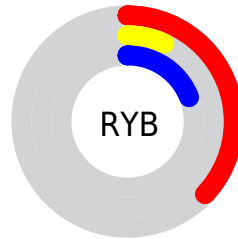
The Hex color **5F1330** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **135F42**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **95465E**, and **300001** is the 20% darker color. If you saturate the color by 10%, you get **5F092A**, and if you desaturate by 10%, it is **5F1D36**.

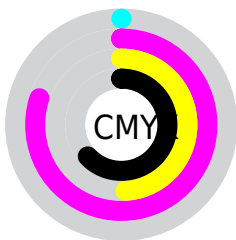
Distribution



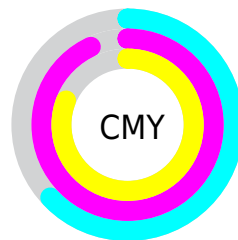
- Red (37%)
- Green (7%)
- Blue (19%)



- Red (37%)
- Yellow (7%)
- Blue (19%)



- Cyan (0%)
- Magenta (80%)
- Yellow (49%)
- Black (63%)



- Cyan (63%)
- Magenta (93%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F1330 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 5F1330 by changing the saturation by 10% instead.

 5F1330

 5F1330

FFFFFF

 45001B

 95465E

 300001

 B15F76

 000000

 CE7990

 EB93AA

 FFAEC6

 FFCAE2

 FFE7FE

 5F1330

 5F1330

■ 5F092A

■ 5F1D36

■ 5F0024

■ 5F263C

■ 5F3042

■ 5F3948

■ 5F434D

■ 5F4C53

■ 5F5659

■ 5F5F5F

■ 5F6965

Harmonies

Analogous

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



521B4A



5F1330



5D1A16

Triad

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



5F1330



203800



003A60

Complementary

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



5F1330



135F42

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.



003D4D



5F1330



003C18

Square

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



5F1330



3C3100



003D33



003467

Rectangle

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



5F1330



552203



003D33



003B5B

Sweetspot

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



5F1330



7A5D68



42135F



3D2B32



BDBDBD



3D3D3D

Same Dimension

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



5F1330



7A0532



5F1C13



302C2D



70002B



F0005B

Inverse Universe

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



5F1330



7A0532



13565F



302C2D



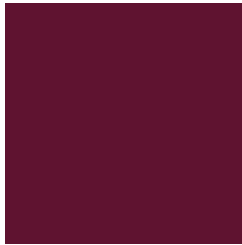
70002B



F0005B

Previews

White Background



This preview shows how the Hex color 5F1330 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

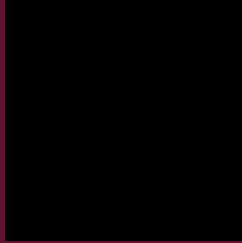
Any Text WCAG AA × Fail

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 5F1330 Background



This preview shows how black text looks on a background with the Hex color 5F1330.



This preview shows how white text looks on a background with the Hex color 5F1330.

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
5F1330

Protanopia
303341

Deuteranopia
3B312C



Tritanopia
5E191A

Trichromacy



Original Color
5F1330

Protanomaly
41273B

Deuteranomaly
48262D

Tritanomaly
5E1722

Monochromacy



Original Color
5F1330

Achromatopsia
2D2D2D

Achromatomaly
3F242E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F1330 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 #5F1330 looks like.

```
.text, #text, p{  
    color:#5F1330  
}
```

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 #5F1330 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F1330
}
```

Border

The CSS property to change the border of an element to Hex 5F1330 is called "border". The border property can be set on classes, ids or directly on the HTML element.

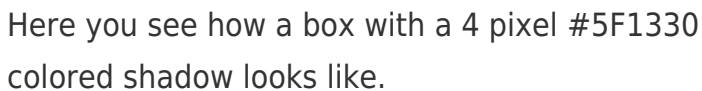
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F1330 }
```

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

```
.border{ border-color:#5F1330 }
```

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



Here you see how a box with a 4 pixel #5F1330 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F1330; -webkit-box-shadow:4px 4px  
4px 4px #5F1330; box-shadow:4px 4px 4px  
4px #5F1330 }
```

Background

The CSS property to change the background color of an element to Hex 5F1330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F1330 }
```

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

```
.background{ background-color:#5F1330 }
```

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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