

Converting Colors

Hex(5F1331)

Have a look what the booklet for
Hex(5F1331) contains.

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Color

Hex(5F1331)

Conversions

Conversions Part 1

Format	Color
Hex	5F1331
RGB	95, 19, 49
RGB Percent	37%, 7%, 19%
CMY	0.6275, 0.9255, 0.8078
CMYK	0.00, 0.80, 0.48, 0.63
HSL	336°, 67%, 22%
HSV	336°, 80%, 37%
XYZ	5.5066, 3.1204, 3.2178
YIQ	45.1440, 35.6660, 25.4420

Conversions

Conversions Part 2

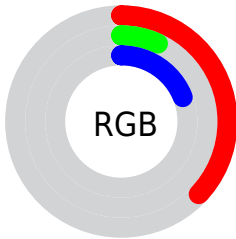
Format	Color
RYB	95, 19, 49
Decimal	6230833
CIELab	20.52, 36.06, 1.13
CIELCh	21, 36.077, 1.796
Yxy	3.1204, 0.4649, 0.2634
Android (android.graphics.Color)	4284420913 (0xFF5F1331)
YUV	45.1440, 1.9010, 43.7237
Hunter-Lab	17.6646, 24.7304, 1.5649

Details

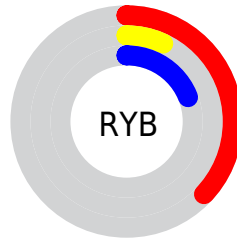
The Hex color **5F1331** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **135F41**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **95465F**, and **300001** is the 20% darker color. If you saturate the color by 10%, you get **5F092B**, and if you desaturate by 10%, it is **5F1D37**.

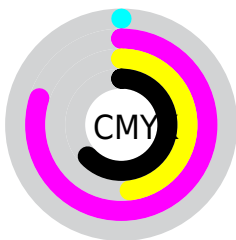
Distribution



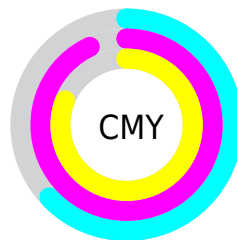
- Red (37%)
- Green (7%)
- Blue (19%)



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



- Cyan (0%)
- Magenta (80%)
- Yellow (48%)
- Black (63%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 5F1331 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 5F1331 by changing the saturation by 10% instead.

■ 5F1331

■ 5F1331

FFFFFF

■ 45001C

■ 95465F

■ 300001

■ B15F78

■ 000000

■ CE7991

■ EB93AC

■ FFAEC7

■ FFCAE3

■ FFE7FF

■ 5F1331

■ 5F1331

■ 5F092B

■ 5F1D37

■ 5F0025

■ 5F263C

■ 5F3042

■ 5F3948

■ 5F434E

■ 5F4C54

■ 5F5659

■ 5F5F5F

■ 5F6965

Harmonies

Analogous

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



521C4B



5F1331



5D1917

Triad

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



5F1331



223800



003A60

Complementary

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



5F1331



135F41

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



5F1331



003C17

Square

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



5F1331



3D3100



003D32



003467

Rectangle

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



5F1331



562204



003D32



003C5B

Sweetspot

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



5F1331



7A5D69



41135F



3D2B32



BDBDBD



3D3D3D

Same Dimension

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



5F1331



7A0533



5F1B13



302C2E



70002C



F0005F

Inverse Universe

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



5F1331



7A0533



13575F



302C2E



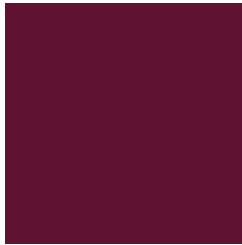
70002C



F0005F

Previews

White Background



This preview shows how the Hex color 5F1331 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 5F1331 Background



This preview shows how black text looks on a background with the Hex color 5F1331.



This preview shows how white text looks on a background with the Hex color 5F1331.

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
5F1331

Protanopia
2F3343

Deuteranopia
3B322D



Tritanopia
5E191A

Trichromacy



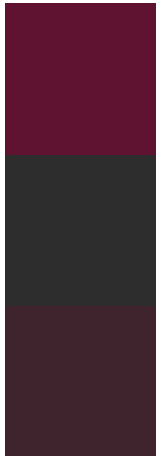
Original Color
5F1331

Protanomaly
40273C

Deuteranomaly
48272E

Tritanomaly
5E1722

Monochromacy



Original Color
5F1331

Achromatopsia
2D2D2D

Achromatomaly
3F242E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F1331 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 #5F1331 looks like.

```
.text, #text, p{  
    color:#5F1331  
}
```

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 #5F1331 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F1331
}
```

Border

The CSS property to change the border of an element to Hex 5F1331 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".

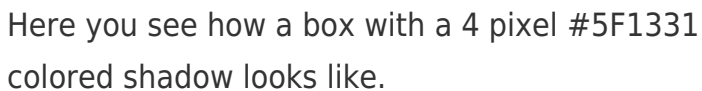
```
.border, #border, table{ border:4px solid
#5F1331 }
```

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

```
.border{ border-color:#5F1331 }
```

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

Here you see how a box with a 4 pixel #5F1331 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 on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F1331; -webkit-box-shadow:4px 4px  
4px 4px #5F1331; box-shadow:4px 4px 4px  
4px #5F1331 }
```

Background

The CSS property to change the background color of an element to Hex 5F1331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F1331 }
```

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

```
.background{ background-color:#5F1331 }
```

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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