

Converting Colors

Hex(5D0046)

Have a look what the booklet for
Hex(5D0046) contains.

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Color

Hex(5D0046)

Conversions

Conversions Part 1

Format	Color
Hex	5D0046
RGB	93, 0, 70
RGB Percent	36%, 0%, 27%
CMY	0.6353, 1.0000, 0.7255
CMYK	0.00, 1.00, 0.25, 0.64
HSL	315°, 100%, 18%
HSV	315°, 100%, 36%
XYZ	5.6197, 2.7694, 6.0327
YIQ	35.7870, 32.9580, 41.4860

Conversions

Conversions Part 2

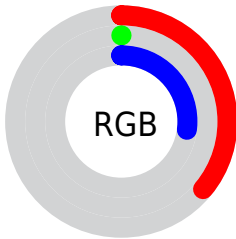
Format	Color
RYB	93, 0, 70
Decimal	6094918
CIELab	19.10, 43.51, -15.74
CIElCh	19, 46.272, 340.118
Yxy	2.7694, 0.3897, 0.1920
Android (android.graphics.Color)	4284284998 (0xFF5D0046)
YUV	35.7870, 16.8670, 50.1758
Hunter-Lab	16.6414, 31.1560, -9.8444

Details

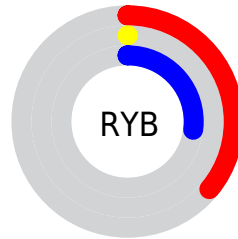
The Hex color **5D0046** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **005D17**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **933C77**, and **2D001B** is the 20% darker color. If you saturate the color by 10%, you get **5D0046**, and if you desaturate by 10%, it is **5D0948**.

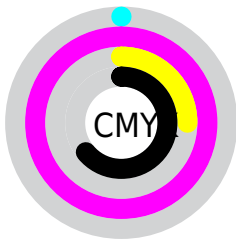
Distribution



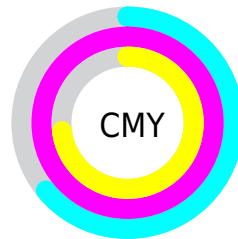
- Red (36%)
- Green (0%)
- Blue (27%)



- Red (36%)
- Yellow (0%)
- Blue (27%)



- Cyan (0%)
- Magenta (100%)
- Yellow (25%)
- Black (64%)



- Cyan (64%)
- Magenta (100%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D0046 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 5D0046 by changing the saturation by 10% instead.

 5D0046

 5D0046

 FFFBFF

 43002F

 933C77

 2D001B

 AE5690

 000000

 CB70AB

 E88AC6

 FFA6E2

 FFC1FF

 FFDEFF

 5D0046

 5D0948

 5D134B

 5D1C4D

 5D254F

 5D2F52

 5D3854

 5D4156

 5D4A58

 5D545B

Harmonies

Analogous

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



3B1E63



5D0046



670025

Triad

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



5D0046



303100



003C59

Complementary

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



5D0046



005D17

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.



003C39



5D0046



053700

Square

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



5D0046



4C2400



003B16



00386E

Rectangle

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



5D0046



64020E



003B16



003C50

Sweetspot

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



5D0046



78546F



16005D



3D2738



BDBDBD



3D3D3D

Same Dimension

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



5D0046



78005A



5D0019



2E292D



6E0053



ED00B3

Inverse Universe

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



5D0046



78005A



005D44



2E292D



6E0053



ED00B2

Previews

White Background



This preview shows how the Hex color 5D0046 looks on a white background.

Color Contrast Check

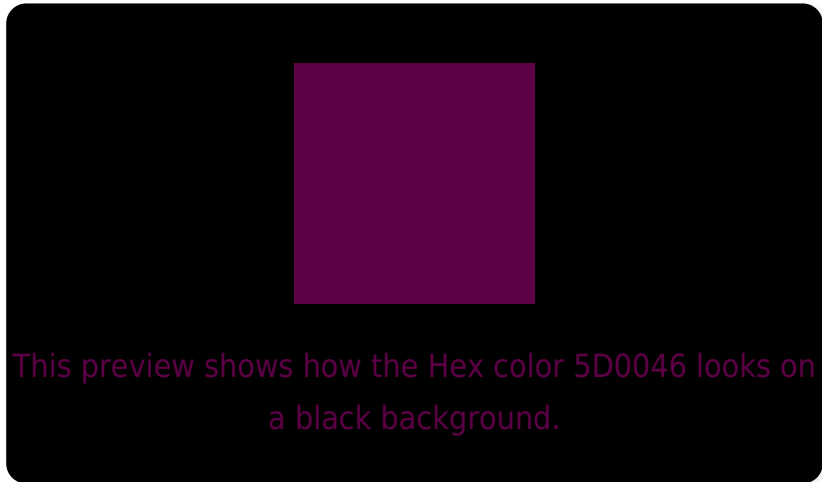
Large Text (above 18pt) WCAG AA ✓ Pass

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

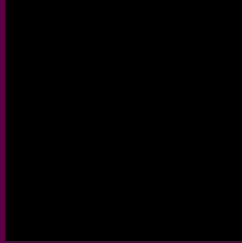
Any Text WCAG AA × Fail

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 5D0046 Background



This preview shows how black text looks on a background with the Hex color 5D0046.



This preview shows how white text looks on a background with the Hex color 5D0046.

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
5D0046

Protanopia
133163

Deuteranopia
2F3241



Tritanopia
5A1C1D

Trichromacy



Original Color
5D0046

Protanomaly
2E1F58

Deuteranomaly
402043

Tritanomaly
5B122C

Monochromacy



Original Color
5D0046

Achromatopsia
242424

Achromatomaly
391730

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D0046 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 #5D0046 looks like.

```
.text, #text, p{  
    color:#5D0046  
}
```

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 #5D0046 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D0046
}
```

Border

The CSS property to change the border of an element to Hex 5D0046 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".

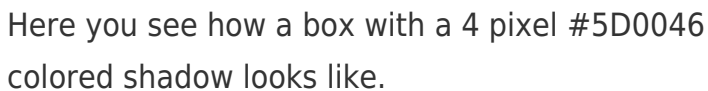
```
.border, #border, table{ border:4px solid
#5D0046 }
```

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

```
.border{ border-color:#5D0046 }
```

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

Here you see how a box with a 4 pixel #5D0046 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D0046; -webkit-box-shadow:4px 4px  
4px 4px #5D0046; box-shadow:4px 4px 4px  
4px #5D0046 }
```

Background

The CSS property to change the background color of an element to Hex 5D0046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D0046 }
```

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

```
.background{ background-color:#5D0046 }
```

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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