

Converting Colors

Hex(5D0076)

Have a look what the booklet for
Hex(5D0076) contains.

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Color

Hex(5D0076)

Conversions

Conversions Part 1

Format	Color
Hex	5D0076
RGB	93, 0, 118
RGB Percent	36%, 0%, 46%
CMY	0.6353, 1.0000, 0.5373
CMYK	0.21, 1.00, 0.00, 0.54
HSL	287°, 100%, 23%
HSV	287°, 100%, 46%
XYZ	7.7842, 3.6352, 17.4309
YIQ	41.2590, 17.5500, 56.4140

Conversions

Conversions Part 2

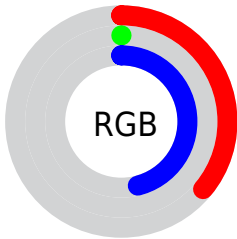
Format	Color
R_{YB}	93, 0, 118
Decimal	6094966
CIE _{Lab}	22.43, 51.50, -42.34
CIE _{LCh}	22, 66.675, 320.574
Yxy	3.6352, 0.2698, 0.1260
Android (android.graphics.Color)	4284285046 (0xFF5D0076)
YUV	41.2590, 37.8333, 45.3769
Hunter-Lab	19.0661, 39.5114, -40.8588

Details

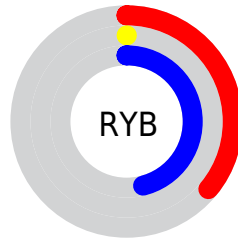
The Hex color **5D0076** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **197600**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **9340AB**, and **2A0045** is the 20% darker color. If you saturate the color by 10%, you get **5D0076**, and if you desaturate by 10%, it is **600C76**.

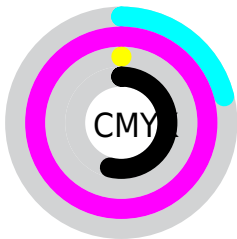
Distribution



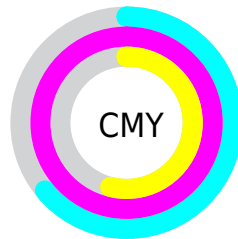
- Red (36%)
- Green (0%)
- Blue (46%)



- Red (36%)
- Yellow (0%)
- Blue (46%)



- Cyan (21%)
- Magenta (100%)
- Yellow (0%)
- Black (54%)



- Cyan (64%)
- Magenta (100%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D0076 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 5D0076 by changing the saturation by 10% instead.

 5D0076

 5D0076

FFFFFF

 43005D

 9340AB

 2A0045

 AF5AC7

 08002D

 CC74E3

 000118

 E98FFF

 000000

 FFABFF

 FFC7FF

 FFE4FF

 5D0076

 600C76

 621876

 652376

 672F76

 6A3B76

 6C4776

 6F5376

 715E76

 746A76

Harmonies

Analogous

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



003195



5D0076



810048

Triad

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



5D0076



502E00



004858

Complementary

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



5D0076



197600

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.



004624



5D0076



213D00

Square

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



5D0076



710600



004400



004783

Rectangle

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



5D0076



860027



004400



004747

Sweetspot

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



5D0076



8F6B99



001A76



47314D



CCCCCC



4D4D4D

Same Dimension

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



5D0076



790099



760055



39353B



60007A



C500FA

Inverse Universe

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



760019



990020



007621



3B3536



7A001A



FA0035

Previews

White Background



This preview shows how the Hex color 5D0076 looks on a white background.

Color Contrast Check

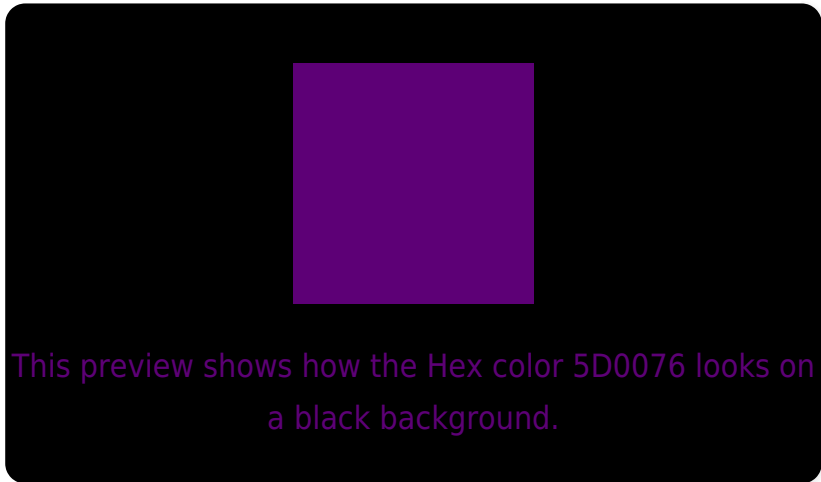
Large Text (above 18pt) WCAG AA ✓ Pass

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

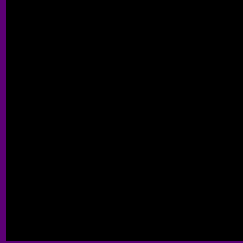
Any Text WCAG AA × Fail

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 5D0076 Background



This preview shows how black text looks on a background with the Hex color 5D0076.

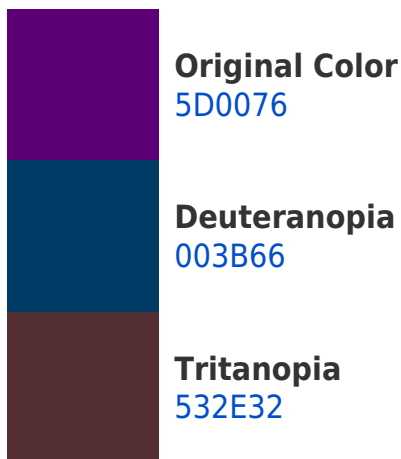


This preview shows how white text looks on a background with the Hex color 5D0076.

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



Trichromacy

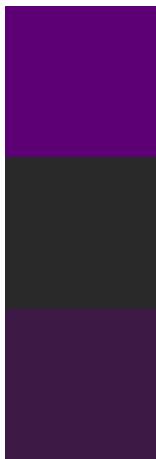


Original Color
5D0076

Deuteranomaly
22266C

Tritanomaly
571D4B

Monochromacy



Original Color
5D0076

Achromatopsia
292929

Achromatomaly
3C1A45

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D0076 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 #5D0076 looks like.

```
.text, #text, p{  
    color:#5D0076  
}
```

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 #5D0076 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D0076
}
```

Border

The CSS property to change the border of an element to Hex 5D0076 is called "border". The border property can be set on classes, ids or directly on the HTML element.

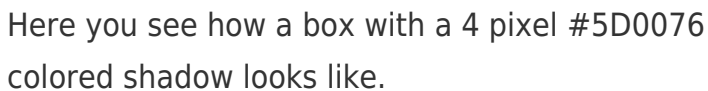
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D0076 }
```

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

```
.border{ border-color:#5D0076 }
```

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



Here you see how a box with a 4 pixel #5D0076 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D0076; -webkit-box-shadow:4px 4px  
4px 4px #5D0076; box-shadow:4px 4px 4px  
4px #5D0076 }
```

Background

The CSS property to change the background color of an element to Hex 5D0076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D0076 }
```

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

```
.background{ background-color:#5D0076 }
```

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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