

Converting Colors

Hex(5D005D)

Have a look what the booklet for
Hex(5D005D) contains.

Hex(5D005D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5D005D)

Conversions

Conversions Part 1

Format	Color
Hex	5D005D
RGB	93, 0, 93
RGB Percent	36%, 0%, 36%
CMY	0.6353, 1.0000, 0.6353
CMYK	0.00, 1.00, 0.00, 0.64
HSL	300°, 100%, 18%
HSV	300°, 100%, 36%
XYZ	6.4900, 3.1175, 10.6156
YIQ	38.4090, 25.5750, 48.6390

Conversions

Conversions Part 2

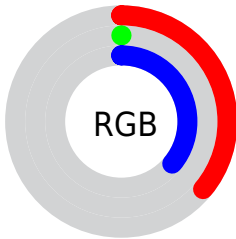
Format	Color
R_{YB}	93, 0, 93
Decimal	6094941
CIE _{Lab}	20.51, 47.00, -29.10
CIE _{LCh}	21, 55.283, 328.233
Yxy	3.1175, 0.3209, 0.1542
Android (android.graphics.Color)	4284285021 (0xFF5D005D)
YUV	38.4090, 26.9134, 47.8763
Hunter-Lab	17.6564, 34.7130, -23.2877

Details

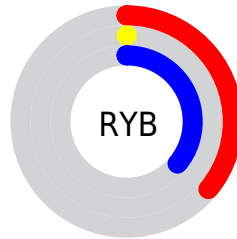
The Hex color **5D005D** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **005D00**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **923E90**, and **2E002F** is the 20% darker color. If you saturate the color by 10%, you get **5D005D**, and if you desaturate by 10%, it is **5D095D**.

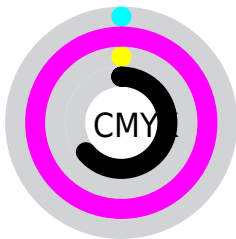
Distribution



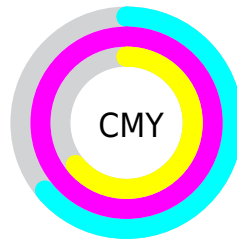
- Red (36%)
- Green (0%)
- Blue (36%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 5D005D 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 5D005D by changing the saturation by 10% instead.

 5D005D

 5D005D

FFFEFF

 430045

 923E90

 2E002F

 AE58AB

 010019

 CA72C6

 000000

 E78DE2

 FFA8FF

 FFC4FF

 FFE0FF

 5D005D

 5D095D

 5D135D

 5D1C5D

 5D255D

 5D2F5D

 5D385D

 5D415D

 5D4A5D

 5D545D

Harmonies

Analogous

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



19287B



5D005D



730036

Triad

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



5D005D



402F00



004157

Complementary

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



5D005D



005D00

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.



00402E



5D005D



153A00

Square

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



5D005D



5E1B00



003E00



003F77

Rectangle

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



5D005D



74001B



003E00



00414A

Sweetspot

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



5D005D



785478



00005D



3D273D



BDBDBD



3D3D3D

Same Dimension

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



5D005D



780078



5D002F



2E292E



6E006E



ED00ED

Inverse Universe

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



5D005D



780078



005D2F



2E292E



6E006E



ED00ED

Previews

White Background



This preview shows how the Hex color 5D005D looks on a white background.

Color Contrast Check

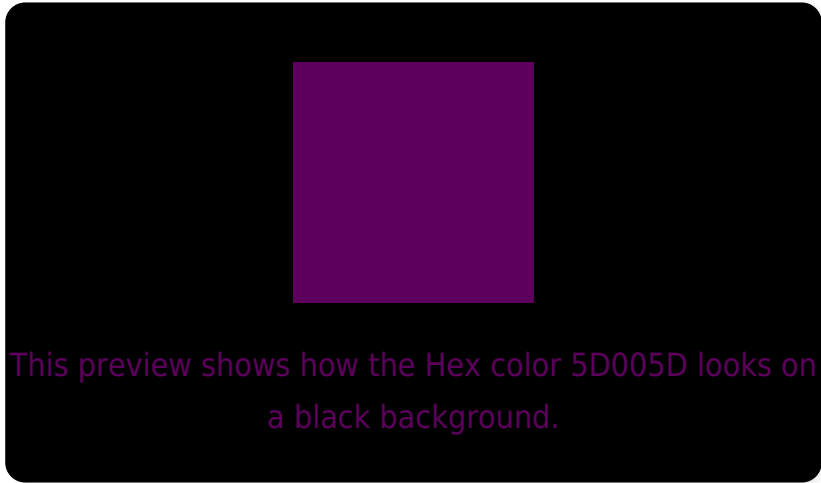
Large Text (above 18pt) WCAG AA ✓ Pass

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

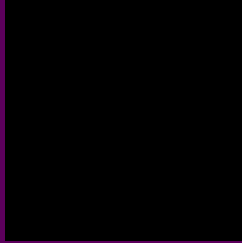
Any Text WCAG AA × Fail

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 5D005D Background



This preview shows how black text looks on a background with the Hex color 5D005D.



This preview shows how white text looks on a background with the Hex color 5D005D.

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
5D005D

Protanomaly
222067

Deuteranomaly
362259

Tritanomaly
59183B

Monochromacy



Original Color
5D005D

Achromatopsia
262626

Achromatomaly
3A183A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D005D 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 #5D005D looks like.

```
.text, #text, p{  
    color:#5D005D  
}
```

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 #5D005D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D005D
}
```

Border

The CSS property to change the border of an element to Hex 5D005D is called "border". The border property can be set on classes, ids or directly on the HTML element.

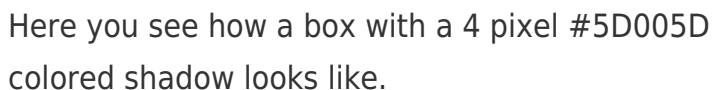
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D005D }
```

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

```
.border{ border-color:#5D005D }
```

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



Here you see how a box with a 4 pixel #5D005D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D005D; -webkit-box-shadow:4px 4px  
4px 4px #5D005D; box-shadow:4px 4px 4px  
4px #5D005D }
```

Background

The CSS property to change the background color of an element to Hex 5D005D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D005D }
```

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

```
.background{ background-color:#5D005D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor