

Converting Colors

Hex(57005D)

Have a look what the booklet for
Hex(57005D) contains.

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Color

Hex(57005D)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 57005D |
| RGB | 87, 0, 93 |
| RGB Percent | 34%, 0%, 36% |
| CMY | 0.6588, 1.0000, 0.6353 |
| CMYK | 0.06, 1.00, 0.00, 0.64 |
| HSL | 296°, 100%, 18% |
| HSV | 296°, 100%, 36% |
| XYZ | 5.9063, 2.8166, 10.5883 |
| YIQ | 36.6150, 21.9990, 47.3670 |

Conversions

Conversions Part 2

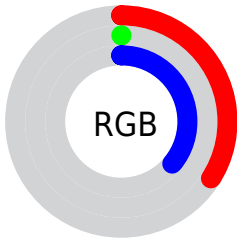
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 87, 0, 93 |
| Decimal | 5701725 |
| CIE _{Lab} | 19.29, 45.92, -31.12 |
| CIE _{LCh} | 19, 55.468, 325.872 |
| Yxy | 2.8166, 0.3058, 0.1459 |
| Android (android.graphics.Color) | 4283891805 (0xFF57005D) |
| YUV | 36.6150, 27.7978, 44.1876 |
| Hunter-Lab | 16.7826, 33.4497, -25.6588 |

Details

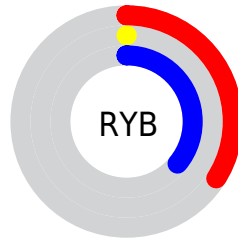
The Hex color **57005D** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **065D00**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **8C3C90**, and **28002F** is the 20% darker color. If you saturate the color by 10%, you get **57005D**, and if you desaturate by 10%, it is **58095D**.

Distribution



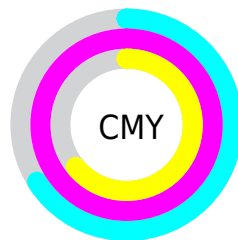
- Red (34%)
- Green (0%)
- Blue (36%)



- Red (34%)
- Yellow (0%)
- Blue (36%)



- Cyan (6%)
- Magenta (100%)
- Yellow (0%)
- Black (64%)



- Cyan (66%)
- Magenta (100%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57005D 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 57005D by changing the saturation by 10% instead.

 57005D

 57005D

 FFFBFF

 3D0045

 8C3C90

 28002F

 A756AB

 000118

 C470C6

 000000

 E08BE2

 FEA6FF

 FFC2FF

 FFDEFF

 57005D

 58095D

 58135D

 591C5D

 59255D

 5A2F5D

 5B385D

 5B415D

 5C4A5D

 5C545D

Harmonies

Analogous

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



002779



57005D



6F0036

Triad

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



57005D



3F2C00



003E51

Complementary

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



57005D



065D00

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.



003D28



57005D



163600

Square

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



57005D



5D1500



003B00



003D73

Rectangle

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



57005D



71001C



003B00



003E44

Sweetspot

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



57005D



765478



00065D



3C273D



BDBDBD



3D3D3D

Same Dimension

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



57005D



700078



5D0035



2E292E



67006E



DE00ED

Inverse Universe

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



5D0006



780008



005D28



2E292A



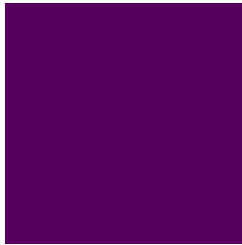
6E0007



ED000F

Previews

White Background



This preview shows how the Hex color 57005D looks on a white background.

Color Contrast Check

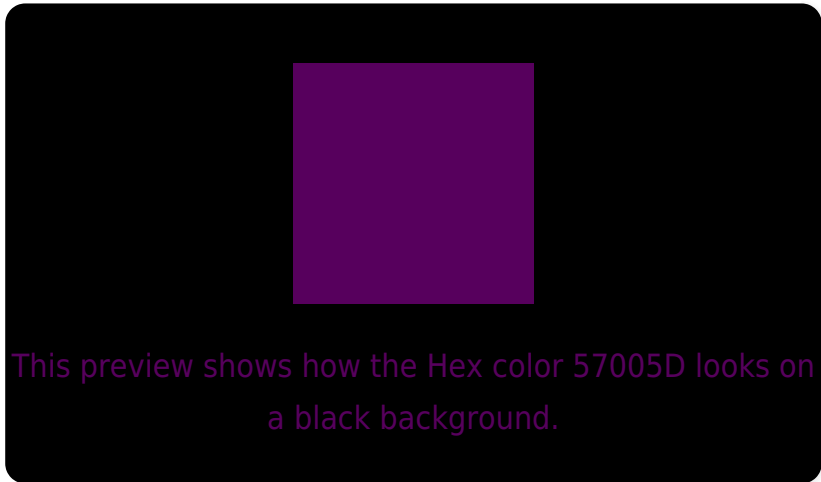
Large Text (above 18pt) WCAG AA ✓ Pass

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

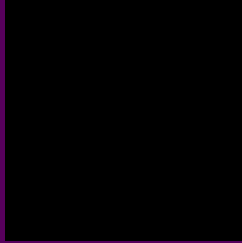
Any Text WCAG AA × Fail

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 57005D Background



This preview shows how black text looks on a background with the Hex color 57005D.



This preview shows how white text looks on a background with the Hex color 57005D.

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



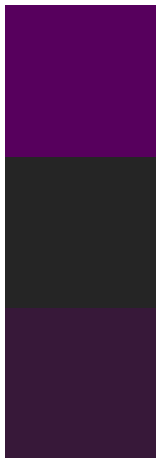
Original Color
57005D

Protanomaly
201F64

Deuteranomaly
2E2059

Tritanomaly
53173B

Monochromacy



Original Color
57005D

Achromatopsia
252525

Achromatomaly
371839

CSS Examples

Text

The CSS property to change the color of the text to Hex 57005D 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 #57005D looks like.

```
.text, #text, p{  
    color:#57005D  
}
```

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 #57005D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57005D
}
```

Border

The CSS property to change the border of an element to Hex 57005D is called "border". The border property can be set on classes, ids or directly on the HTML element.

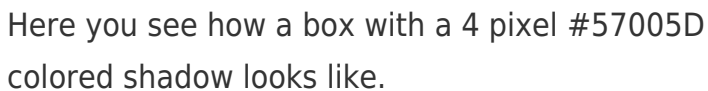
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#57005D }
```

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

```
.border{ border-color:#57005D }
```

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



Here you see how a box with a 4 pixel #57005D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57005D; -webkit-box-shadow:4px 4px  
4px 4px #57005D; box-shadow:4px 4px 4px  
4px #57005D }
```

Background

The CSS property to change the background color of an element to Hex 57005D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57005D }
```

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

```
.background{ background-color:#57005D }
```

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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