

Converting Colors

Hex(58045D)

Have a look what the booklet for
Hex(58045D) contains.

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Color

Hex(58045D)

Conversions

Conversions Part 1

Format	Color
Hex	58045D
RGB	88, 4, 93
RGB Percent	35%, 2%, 36%
CMY	0.6549, 0.9843, 0.6353
CMYK	0.05, 0.96, 0.00, 0.64
HSL	297°, 92%, 19%
HSV	297°, 96%, 36%
XYZ	6.0437, 2.9519, 10.6072
YIQ	39.2620, 21.4950, 45.4870

Conversions

Conversions Part 2

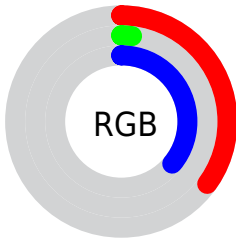
Format	Color
R_{YB}	88, 4, 93
Decimal	5768285
CIE _{Lab}	19.85, 45.04, -30.22
CIE _{LCh}	20, 54.238, 326.145
Yxy	2.9519, 0.3083, 0.1506
Android (android.graphics.Color)	4283958365 (0xFF58045D)
YUV	39.2620, 26.4928, 42.7432
Hunter-Lab	17.1810, 32.7238, -24.5777




Details

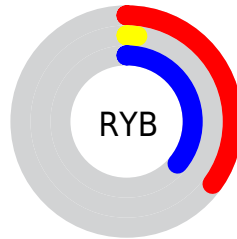
The Hex color **58045D** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **095D04**, and the grayscale version is **272727**.




A 20% lighter version of the original color is **8D3E90**, and **2A002F** is the 20% darker color. If you saturate the color by 10%, you get **58005D**, and if you desaturate by 10%, it is **590D5D**.

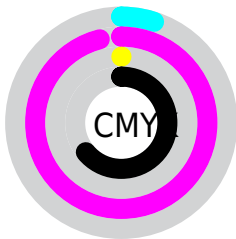
Distribution







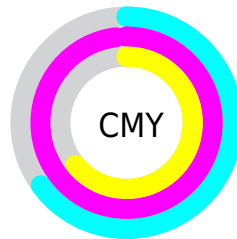
-  Red (35%)
-  Green (2%)
-  Blue (36%)






-  Red (35%)
-  Yellow (2%)
-  Blue (36%)



-  Cyan (5%)
-  Magenta (96%)
-  Yellow (0%)
-  Black (64%)



-  Cyan (65%)
-  Magenta (98%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58045D 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 58045D by changing the saturation by 10% instead.

■ 58045D

■ 58045D

FFFEFF

■ 3F0045

■ 8D3E90

■ 2A002F

■ A858AB

■ 000018

■ C572C6

■ 000000

■ E18DE2

■ FFA8FF

■ FFC4FF

■ FFE0FF

■ 58045D

■ 58045D

■ 58005D

■ 590D5D

■ 59175D

■ 5A205D

■ 5A295D

■ 5B325D

■ 5B3C5D

■ 5C455D

■ 5C4E5D

■ 5D585D

Harmonies

Analogous

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



0A2879



58045D



6F0037

Triad

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



58045D



412D00



003F52

Complementary

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



58045D



095D04

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.



003F2A



58045D



193800

Square

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



58045D



5D1800



003C00



003E73

Rectangle

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



58045D



71001D



003C00



003F45

Sweetspot

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



58045D



765578



040A5D



3C283D



BDBDBD



3D3D3D

Same Dimension

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



58045D



710078



5D0436



2E292E



67006E



E000ED

Inverse Universe

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



5D0409



780007



045D2B



2E292A



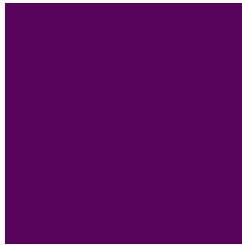
6E0006



ED000D

Previews

White Background



This preview shows how the Hex color 58045D looks on a white background.

Color Contrast Check

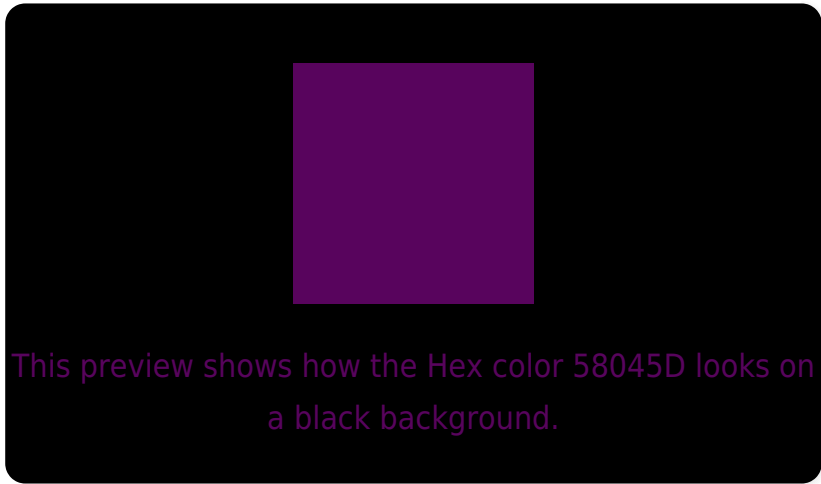
Large Text (above 18pt) WCAG AA ✓ Pass

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

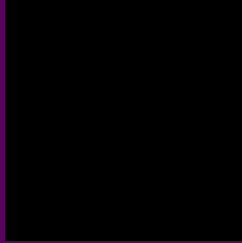
Any Text WCAG AA × Fail

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 58045D Background



This preview shows how black text looks on a background with the Hex color 58045D.



This preview shows how white text looks on a background with the Hex color 58045D.

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
58045D

Protanopia
003169

Deuteranopia
183457



Tritanopia
522527

Trichromacy



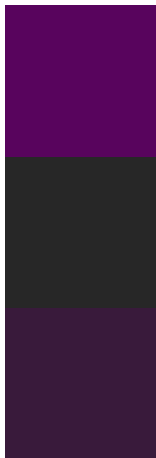
Original Color
58045D

Protanomaly
202165

Deuteranomaly
2F2359

Tritanomaly
54193B

Monochromacy



Original Color
58045D

Achromatopsia
272727

Achromatomaly
391A3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 58045D 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 #58045D looks like.

```
.text, #text, p{  
    color:#58045D  
}
```

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 #58045D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58045D
}
```

Border

The CSS property to change the border of an element to Hex 58045D is called "border". The border property can be set on classes, ids or directly on the HTML element.

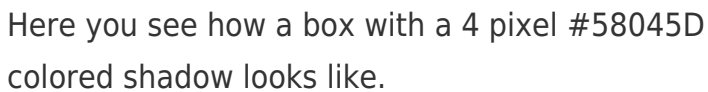
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#58045D }
```

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

```
.border{ border-color:#58045D }
```

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



Here you see how a box with a 4 pixel #58045D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58045D; -webkit-box-shadow:4px 4px  
4px 4px #58045D; box-shadow:4px 4px 4px  
4px #58045D }
```

Background

The CSS property to change the background color of an element to Hex 58045D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58045D }
```

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

```
.background{ background-color:#58045D }
```

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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