

Converting Colors

Hex(58085E)

Have a look what the booklet for
Hex(58085E) contains.

Hex(58085E)	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(58085E)

Conversions

Conversions Part 1

Format	Color
Hex	58085E
RGB	88, 8, 94
RGB Percent	35%, 3%, 37%
CMY	0.6549, 0.9686, 0.6314
CMYK	0.06, 0.91, 0.00, 0.63
HSL	296°, 84%, 20%
HSV	296°, 91%, 37%
XYZ	6.1317, 3.0565, 10.8565
YIQ	41.7240, 20.0740, 43.7060

Conversions

Conversions Part 2

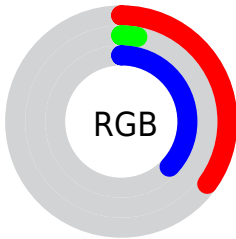
Format	Color
R_{YB}	88, 8, 94
Decimal	5769310
CIE _{Lab}	20.27, 44.20, -30.21
CIE _{LCh}	20, 53.538, 325.650
Yxy	3.0565, 0.3059, 0.1525
Android (android.graphics.Color)	4283959390 (0xFF58085E)
YUV	41.7240, 25.7721, 40.5841
Hunter-Lab	17.4829, 32.0095, -24.5796

Details

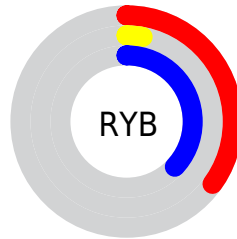
The Hex color **58085E** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **0E5E08**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **8D4091**, and **2A0030** is the 20% darker color. If you saturate the color by 10%, you get **57005E**, and if you desaturate by 10%, it is **59115E**.

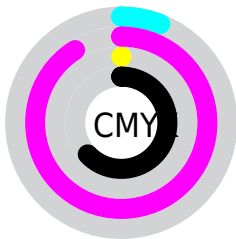
Distribution



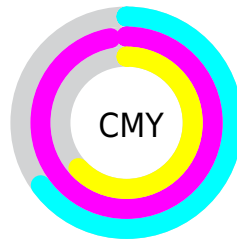
- Red (35%)
- Green (3%)
- Blue (37%)



- Red (35%)
- Yellow (3%)
- Blue (37%)



- Cyan (6%)
- Magenta (91%)
- Yellow (0%)
- Black (63%)



- Cyan (65%)
- Magenta (97%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58085E 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 58085E by changing the saturation by 10% instead.

■ 58085E

■ 58085E

FFFFFF

■ 3F0046

■ 8D4091

■ 2A0030

■ A85AAC

■ 000019

■ C474C7

■ 000000

■ E18FE3

■ FEAAFF

■ FFC6FF

■ FFE2FF

■ 58085E

■ 58085E

■ 57005E

■ 59115E

■ 591B5E

■ 5A245E

■ 5B2E5E

■ 5B375E

■ 5C405E

■ 5D4A5E

■ 5D535E

■ 5E5D5E

Harmonies

Analogous

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



0B2979



58085E



6F0038

Triad

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



58085E



422E00



004052

Complementary

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



58085E



0E5E08

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



58085E



1B3800

Square

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



58085E



5E1900



003D00



003F72

Rectangle

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



58085E



72001F



003D00



004045

Sweetspot

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



58085E



78597A



080F5E



3C2A3D



BDBDBD



3D3D3D

Same Dimension

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



58085E



72007A



5E083A



2E292E



66006E



DD00ED

Inverse Universe

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



5E080E



7A0009



085E2C



2E292A



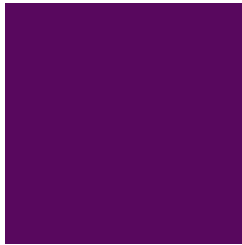
6E0008



ED0011

Previews

White Background



This preview shows how the Hex color 58085E looks on a white background.

Color Contrast Check

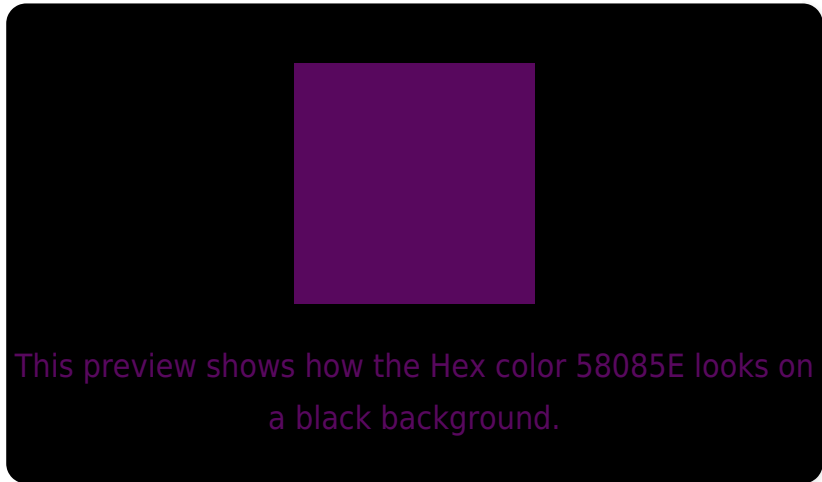
Large Text (above 18pt) WCAG AA ✓ Pass

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

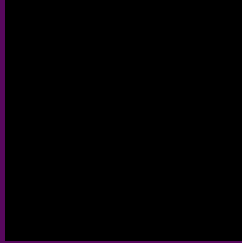
Any Text WCAG AA × Fail

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 58085E Background



This preview shows how black text looks on a background with the Hex color 58085E.



This preview shows how white text looks on a background with the Hex color 58085E.

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
58085E

Protanopia
003269

Deuteranopia
183458



Tritanopia
522528

Trichromacy



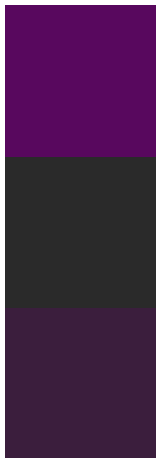
Original Color
58085E

Protanomaly
202365

Deuteranomaly
2F245A

Tritanomaly
541A3C

Monochromacy



Original Color
58085E

Achromatopsia
2A2A2A

Achromatomaly
3B1E3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 58085E 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 #58085E looks like.

```
.text, #text, p{  
    color:#58085E  
}
```

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 #58085E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58085E
}
```

Border

The CSS property to change the border of an element to Hex 58085E is called "border". The border property can be set on classes, ids or directly on the HTML element.

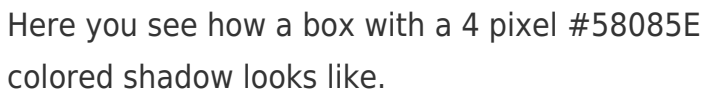
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#58085E }
```

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

```
.border{ border-color:#58085E }
```

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



Here you see how a box with a 4 pixel #58085E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58085E; -webkit-box-shadow:4px 4px  
4px 4px #58085E; box-shadow:4px 4px 4px  
4px #58085E }
```

Background

The CSS property to change the background color of an element to Hex 58085E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58085E }
```

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

```
.background{ background-color:#58085E }
```

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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