

Converting Colors

Hex(585085)

Have a look what the booklet for
Hex(585085) contains.

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Color

Hex(585085)

Conversions

Conversions Part 1

Format	Color
Hex	585085
RGB	88, 80, 133
RGB Percent	35%, 31%, 52%
CMY	0.6549, 0.6863, 0.4784
CMYK	0.34, 0.40, 0.00, 0.48
HSL	249°, 25%, 42%
HSV	249°, 40%, 52%
XYZ	11.1268, 9.5055, 23.4386
YIQ	88.4340, -12.2450, 18.1790

Conversions

Conversions Part 2

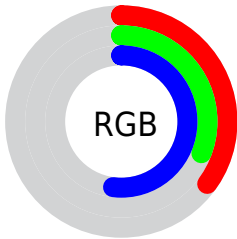
Format	Color
R_{YB}	88, 80, 133
Decimal	5787781
CIE _{Lab}	36.94, 16.41, -28.59
CIE _{LCh}	37, 32.961, 299.850
Yxy	9.5055, 0.2525, 0.2157
Android (android.graphics.Color)	4283977861 (0xFF585085)
YUV	88.4340, 21.9710, -0.3806
Hunter-Lab	30.8310, 10.4659, -23.4923

Details

The Hex color **585085** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7D8550**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **8C81BA**, and **272353** is the 20% darker color. If you saturate the color by 10%, you get **4D4385**, and if you desaturate by 10%, it is **635D85**.

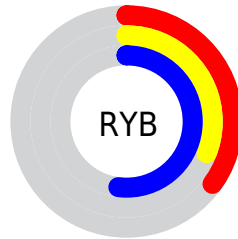
Distribution



Red (35%)

Green (31%)

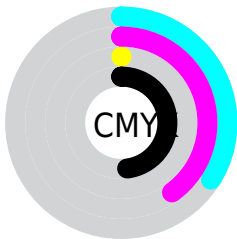
Blue (52%)



Red (35%)

Yellow (31%)

Blue (52%)

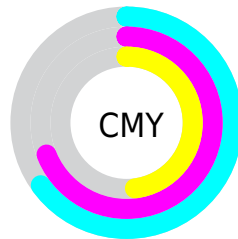


Cyan (34%)

Magenta (40%)

Yellow (0%)

Black (48%)



Cyan (65%)

Magenta (69%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 585085 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 585085 by changing the saturation by 10% instead.

■ 585085

■ 585085

FFFFFF

■ 3F396C

■ 8C81BA

■ 272353

■ A69BD6

■ 0E0F3C

■ C2B6F3

■ 000026

■ DED2FF

■ 00010E

■ FBEEFF

■ 000000

■ 585085

■ 585085

■ 4D4385

■ 635D85

■ 413585

■ 6F6B85

■ 362885

■ 7A7885

■ 2B1B85

■ 858585

■ 200D85

■ 909385

■ 140085

■ 9CA085

■ A7AD85

■ B2BA85

■ BEC885

Harmonies

Analogous

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



225A8C



585085



774672

Triad

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



585085



7B4C29



006456

Complementary

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



585085



7D8550

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.



29623B



585085



665520

Square

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



585085



87433E



4B5D27



006471

Rectangle

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



585085



834161



4B5D27



00644D

Sweetspot

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



585085



9C99AD



507D85



4C4B57



D6D6D6



575757

Same Dimension

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



585085



675AAD



725085



3D3C42



140082



000003

Inverse Universe

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



85507D



AD5AA1



638550



423C41



82006E



030002

Previews

White Background



This preview shows how the Hex color 585085 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

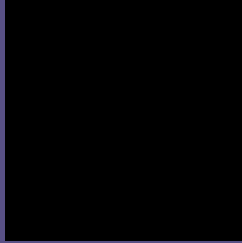
Any Text WCAG AA × Fail

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 585085 Background



This preview shows how black text looks on a background with the Hex color 585085.



This preview shows how white text looks on a background with the Hex color 585085.

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](#).

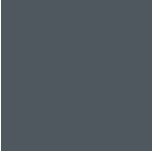
Dichromacy



Original Color
585085

Protanopia
43558A

Deuteranopia
425784



Tritanopia
50585F

Trichromacy



Original Color
585085

Protanomaly
4B5388

Deuteranomaly
4A5484

Tritanomaly
53556D

Monochromacy



Original Color
585085

Achromatopsia
585858

Achromatomaly
585568

CSS Examples

Text

The CSS property to change the color of the text to Hex 585085 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 #585085 looks like.

```
.text, #text, p{  
    color:#585085  
}
```

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 #585085 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #585085
}
```

Border

The CSS property to change the border of an element to Hex 585085 is called "border". The border property can be set on classes, ids or directly on the HTML element.

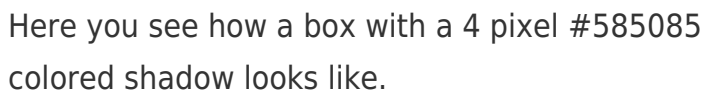
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#585085 }
```

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

```
.border{ border-color:#585085 }
```

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



Here you see how a box with a 4 pixel #585085 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #585085; -webkit-box-shadow:4px 4px  
4px 4px #585085; box-shadow:4px 4px 4px  
4px #585085 }
```

Background

The CSS property to change the background color of an element to Hex 585085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#585085 }
```

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

```
.background{ background-color:#585085 }
```

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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