

Converting Colors

Hex(585088)

Have a look what the booklet for
Hex(585088) contains.

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Color

Hex(585088)

Conversions

Conversions Part 1

Format	Color
Hex	585088
RGB	88, 80, 136
RGB Percent	35%, 31%, 53%
CMY	0.6549, 0.6863, 0.4667
CMYK	0.35, 0.41, 0.00, 0.47
HSL	249°, 26%, 42%
HSV	249°, 41%, 53%
XYZ	11.3371, 9.5896, 24.5460
YIQ	88.7760, -13.2080, 19.1120

Conversions

Conversions Part 2

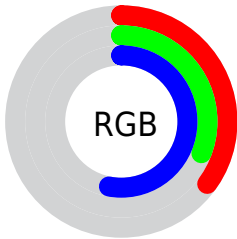
Format	Color
R_{YB}	88, 80, 136
Decimal	5787784
CIE _{Lab}	37.10, 17.27, -30.18
CIE _{LCh}	37, 34.768, 299.775
Yxy	9.5896, 0.2493, 0.2109
Android (android.graphics.Color)	4283977864 (0xFF585088)
YUV	88.7760, 23.2814, -0.6806
Hunter-Lab	30.9671, 11.1567, -25.3191

Details

The Hex color **585088** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **808850**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **8C81BE**, and **272356** is the 20% darker color. If you saturate the color by 10%, you get **4C4288**, and if you desaturate by 10%, it is **645E88**.

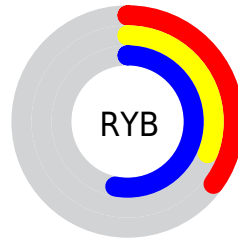
Distribution



Red (35%)

Green (31%)

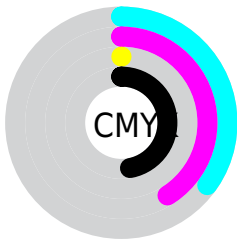
Blue (53%)



Red (35%)

Yellow (31%)

Blue (53%)

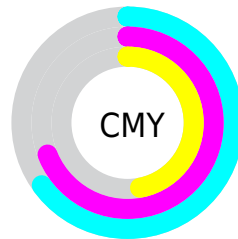


Cyan (35%)

Magenta (41%)

Yellow (0%)

Black (47%)



Cyan (65%)

Magenta (69%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 585088 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 585088 by changing the saturation by 10% instead.

■ 585088

■ 585088

FFFFFF

■ 3F396E

■ 8C81BE

■ 272356

■ A79BDA

■ 0D0F3E

■ C2B6F6

■ 000028

■ DFD2FF

■ 000112

■ FCEEFF

■ 000000

■ 585088

■ 585088

■ 4C4288

■ 645E88

■ 413588

■ 6F6B88

■ 352788

■ 7B7988

■ 291A88

■ 878688

■ 1E0C88

■ 929488

■ 130088

■ 9EA288

■ AAAF88

■ B5BD88

■ C1CA88

Harmonies

Analogous

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



1B5A8F



585088



794574

Triad

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



585088



7D4B27



006556

Complementary

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



585088



808850

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.



25633A



585088



67561C

Square

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



585088



8A423D



4B5E24



006572

Rectangle

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



585088



864062



4B5E24



00654C

Sweetspot

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



585088



9E9BB0



508188



4F4D59



D9D9D9



595959

Same Dimension

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



585088



665AB0



735088



3F3E45



130085



010005

Inverse Universe

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



885080



B05AA4



658850



453E44



850072



050004

Previews

White Background



This preview shows how the Hex color 585088 looks on a white background.

Color Contrast Check

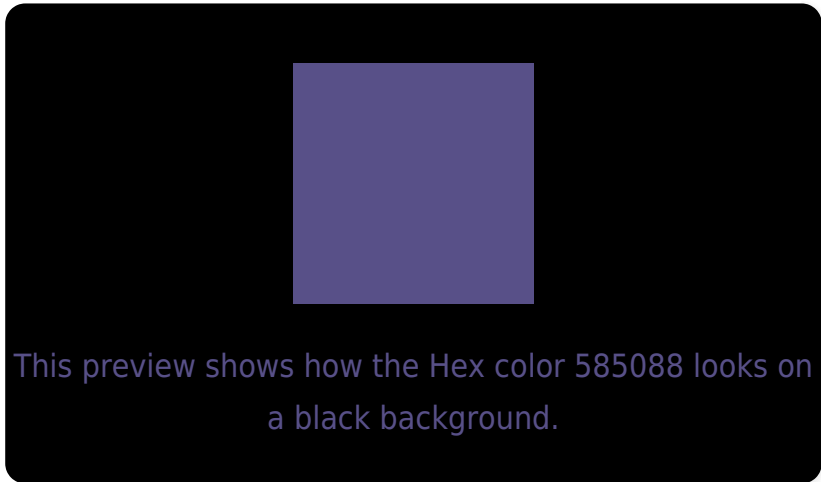
Large Text (above 18pt) WCAG AA ✓ Pass

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

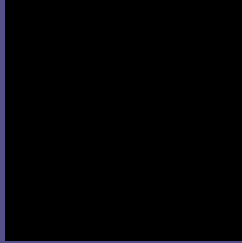
Any Text WCAG AA × Fail

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 585088 Background



This preview shows how black text looks on a background with the Hex color 585088.

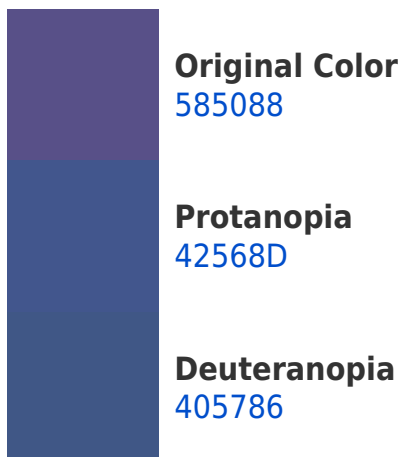


This preview shows how white text looks on a background with the Hex color 585088.

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





Tritanopia
4F5960

Trichromacy



Original Color
585088

Protanomaly
4A548B

Deuteranomaly
495487

Tritanomaly
52566F

Monochromacy



Original Color
585088

Achromatopsia
595959

Achromatomaly
59566A

CSS Examples

Text

The CSS property to change the color of the text to Hex 585088 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 #585088 looks like.

```
.text, #text, p{  
    color:#585088  
}
```

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 #585088 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #585088
}
```

Border

The CSS property to change the border of an element to Hex 585088 is called "border". The border property can be set on classes, ids or directly on the HTML element.

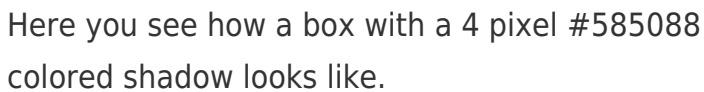
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#585088 }
```

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

```
.border{ border-color:#585088 }
```

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



Here you see how a box with a 4 pixel #585088 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #585088; -webkit-box-shadow:4px 4px  
4px 4px #585088; box-shadow:4px 4px 4px  
4px #585088 }
```

Background

The CSS property to change the background color of an element to Hex 585088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#585088 }
```

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

```
.background{ background-color:#585088 }
```

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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