

Converting Colors

Hex(584676)

Have a look what the booklet for
Hex(584676) contains.

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Color

Hex(584676)

Conversions

Conversions Part 1

Format	Color
Hex	584676
RGB	88, 70, 118
RGB Percent	35%, 27%, 46%
CMY	0.6549, 0.7255, 0.5373
CMYK	0.25, 0.41, 0.00, 0.54
HSL	262°, 26%, 37%
HSV	262°, 41%, 46%
XYZ	9.4847, 7.7630, 18.1381
YIQ	80.8540, -4.6800, 18.7440

Conversions

Conversions Part 2

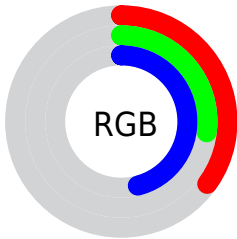
Format	Color
R_{YB}	88, 70, 118
Decimal	5785206
CIE _{Lab}	33.48, 18.62, -24.73
CIE _{LCh}	33, 30.955, 306.982
Yxy	7.7630, 0.2680, 0.2194
Android (android.graphics.Color)	4283975286 (0xFF584676)
YUV	80.8540, 18.3130, 6.2670
Hunter-Lab	27.8622, 12.0049, -19.0937




Details

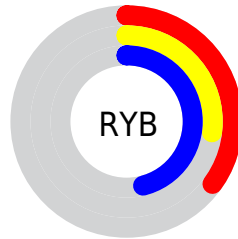
The Hex color **584676** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **647646**, and the grayscale version is **515151**.




A 20% lighter version of the original color is **8B77AA**, and **291A45** is the 20% darker color. If you saturate the color by 10%, you get **513A76**, and if you desaturate by 10%, it is **5F5276**.

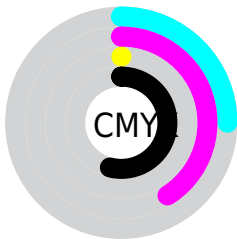
Distribution







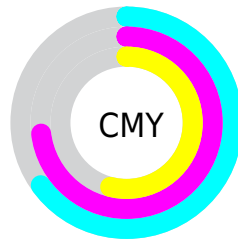
-  Red (35%)
-  Green (27%)
-  Blue (46%)






-  Red (35%)
-  Yellow (27%)
-  Blue (46%)



-  Cyan (25%)
-  Magenta (41%)
-  Yellow (0%)
-  Black (54%)



-  Cyan (65%)
-  Magenta (73%)
-  Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 584676 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 584676 by changing the saturation by 10% instead.

■ 584676

■ 584676

FFFFFF

■ 402F5D

■ 8B77AA

■ 291A45

■ A690C6

■ 14012F

■ C1ABE2

■ 000119

■ DDC6FF

■ 000000

■ FAE2FF

■ 584676

■ 584676

■ 513A76

■ 5F5276

■ 492E76

■ 675E76

■ 422376

■ 6E6976

■ 3B1776

■ 767576

■ 330B76

■ 7D8176

■ 2C0076

■ 848D76

■ 8C9976

■ 93A476

■ 9AB076

Harmonies

Analogous

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



2D4F7F



584676



713D62

Triad

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



584676



6C4721



005B54

Complementary

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



584676



647646

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.



195A3B



584676



574F1C

Square

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



584676



793E33



3D5626



005A6C

Rectangle

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



584676



7A3A52



3D5626



005B4B

Sweetspot

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



584676



8E8799



466476



46424D



CCCCCC



4D4D4D

Same Dimension

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



584676



6A4E99



704676



37353B



2E007A



5E00FA

Inverse Universe

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



764664



994E7D



4C7646



3B3538



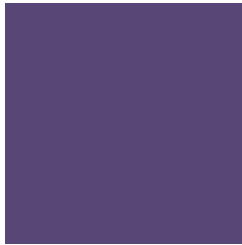
7A004D



FA009C

Previews

White Background



This preview shows how the Hex color 584676 looks on a white background.

Color Contrast Check

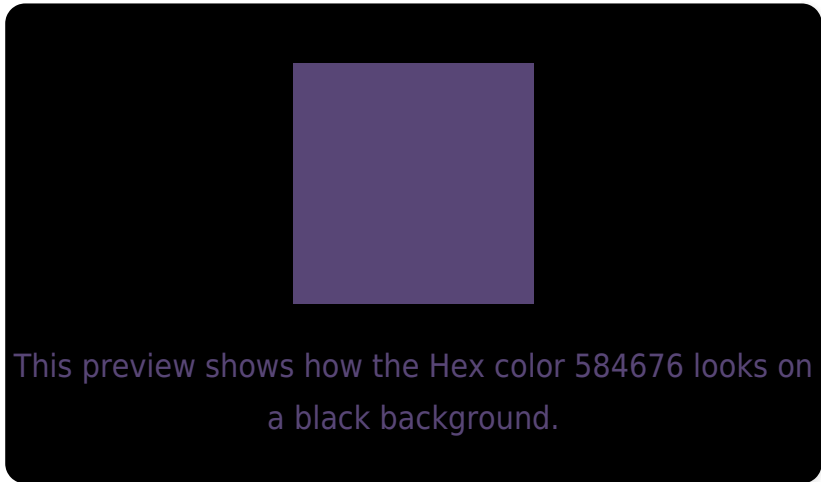
Large Text (above 18pt) WCAG AA ✓ Pass

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

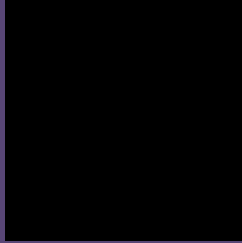
Any Text WCAG AA × Fail

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 584676 Background



This preview shows how black text looks on a background with the Hex color 584676.



This preview shows how white text looks on a background with the Hex color 584676.

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
584676

Protanopia
3D4D7C

Deuteranopia
3F4E74



Tritanopia
524D54

Trichromacy



Original Color
584676

Protanomaly
474A7A

Deuteranomaly
484B75

Tritanomaly
544A60

Monochromacy



Original Color
584676

Achromatopsia
515151

Achromatomaly
544D5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 584676 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 #584676 looks like.

```
.text, #text, p{  
    color:#584676  
}
```

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 #584676 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #584676
}
```

Border

The CSS property to change the border of an element to Hex 584676 is called "border". The border property can be set on classes, ids or directly on the HTML element.

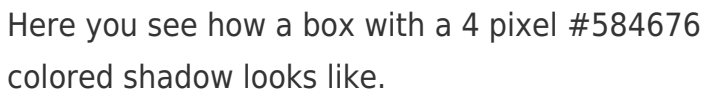
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#584676 }
```

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

```
.border{ border-color:#584676 }
```

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



Here you see how a box with a 4 pixel #584676 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #584676; -webkit-box-shadow:4px 4px  
4px 4px #584676; box-shadow:4px 4px 4px  
4px #584676 }
```

Background

The CSS property to change the background color of an element to Hex 584676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#584676 }
```

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

```
.background{ background-color:#584676 }
```

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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