

# Converting Colors

Hex(584482)

Have a look what the booklet for  
Hex(584482) contains.

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# Color

**Hex(584482)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	584482
RGB	88, 68, 130
RGB Percent	35%, 27%, 51%
CMY	0.6549, 0.7333, 0.4902
CMYK	0.32, 0.48, 0.00, 0.49
HSL	259°, 31%, 39%
HSV	259°, 48%, 51%
XYZ	10.1209, 7.8207, 22.0952
YIQ	81.0480, -7.9820, 23.5220

# Conversions

## Conversions Part 2

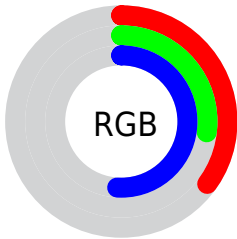
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	88, 68, 130
Decimal	5784706
CIE <sub>Lab</sub>	33.61, 23.17, -32.00
CIE <sub>LCh</sub>	34, 39.507, 305.906
Yxy	7.8207, 0.2528, 0.1953
Android (android.graphics.Color)	4283974786 (0xFF584482)
YUV	81.0480, 24.1333, 6.0969
Hunter-Lab	27.9654, 15.6609, -27.2686

# Details

The Hex color **584482** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6E8244**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **8C75B7**, and **271850** is the 20% darker color. If you saturate the color by 10%, you get **4F3782**, and if you desaturate by 10%, it is **615182**.

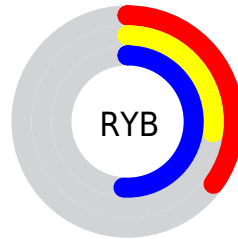
# Distribution



Red (35%)

Green (27%)

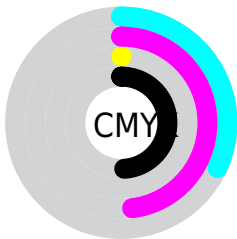
Blue (51%)



Red (35%)

Yellow (27%)

Blue (51%)

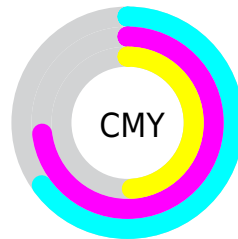


Cyan (32%)

Magenta (48%)

Yellow (0%)

Black (49%)



Cyan (65%)

Magenta (73%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 584482 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 584482 by changing the saturation by 10% instead.



■ 584482

■ 584482

FFFFFF

■ 3F2D69

■ 8C75B7

■ 271850

■ A78ED3

■ 100039

■ C2A9F0

■ 000223

■ DFC4FF

■ 000009

■ FCE0FF

■ 000000

■ FFFDFF

■ 584482

■ 584482

■ 4F3782

■ 615182

462A82

6A5E82

3E1D82

726B82

351082

7B7882

2C0382

848582

2A0082

8D9282

969F82

9EAC82

A7B982

# Harmonies

## Analogous

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



09518D



584482



7A3769

# Triad

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



584482



734413



005E55

# Complementary

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



584482



6E8244

# 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.



005C34



584482



595007

# Square

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



584482



84372C



385818



005D73

# Rectangle

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



584482



853155



385818



005E4A



# Sweetspot

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



584482



9891A8



446E82



4A4654



D4D4D4



545454



# Same Dimension

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



584482



6748A8



774482



3B3940



290080



000000



# Inverse Universe

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



82446E



A84889



4F8244



40393E



800056



000000



# Previews

## White Background



This preview shows how the Hex color 584482 looks on a white background.

## Color Contrast Check

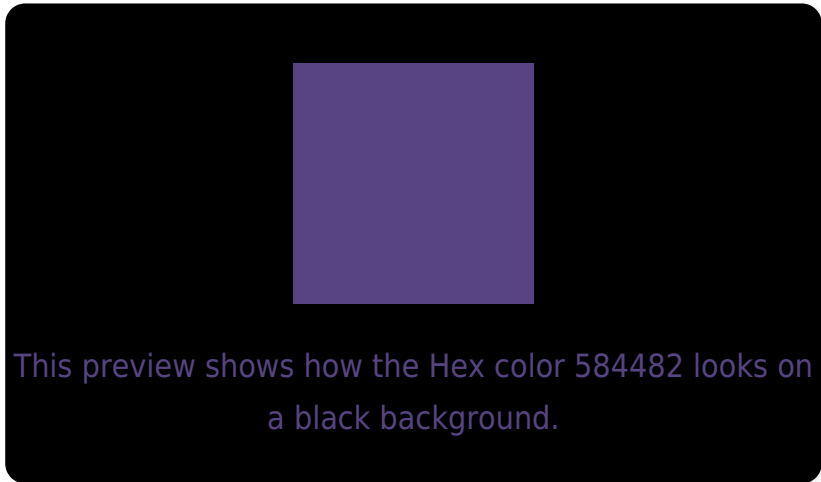
Large Text (above 18pt) WCAG AA ✓ Pass

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

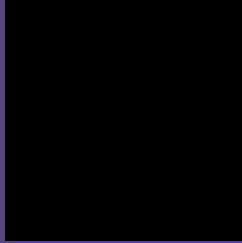
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 584482 Background



This preview shows how black text looks on a background with the Hex color 584482.

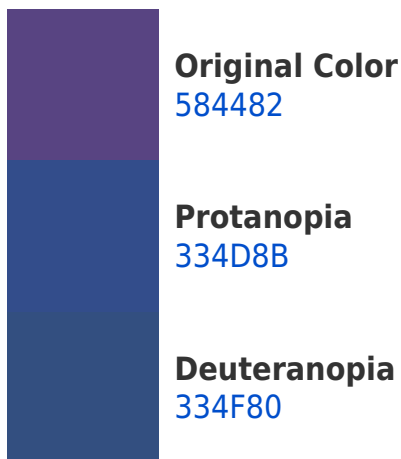


This preview shows how white text looks on a background with the Hex color 584482.

# 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**  
4F4F55

# Trichromacy



**Original Color**  
584482

**Protanomaly**  
404A88

**Deuteranomaly**  
404B81

**Tritanomaly**  
524B65

# Monochromacy



**Original Color**  
584482

**Achromatopsia**  
515151

**Achromatomaly**  
544C63

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 584482 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 #584482 looks like.

```
.text, #text, p{  
    color:#584482  
}
```

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 #584482 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #584482
}
```

## Border

The CSS property to change the border of an element to Hex 584482 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
#584482 }
```

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

```
.border{ border-color:#584482 }
```

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

Here you see how a box with a 4 pixel #584482 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #584482; -webkit-box-shadow:4px 4px  
4px 4px #584482; box-shadow:4px 4px 4px  
4px #584482 }
```

# Background

The CSS property to change the background color of an element to Hex 584482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#584482 }
```

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

```
.background{ background-color:#584482 }
```

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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