

# Converting Colors

Hex(5C2580)

Have a look what the booklet for  
Hex(5C2580) contains.

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# Color

**Hex(5C2580)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C2580
RGB	92, 37, 128
RGB Percent	36%, 15%, 50%
CMY	0.6392, 0.8549, 0.4980
CMYK	0.28, 0.71, 0.00, 0.50
HSL	276°, 55%, 32%
HSV	276°, 71%, 50%
XYZ	8.9715, 5.1570, 20.9446
YIQ	63.8190, 3.5690, 39.9610

# Conversions

## Conversions Part 2

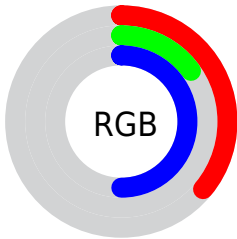
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	92, 37, 128
Decimal	6038912
CIE <sub>Lab</sub>	27.18, 41.55, -41.01
CIE <sub>LCh</sub>	27, 58.376, 315.374
Yxy	5.1570, 0.2558, 0.1470
Android (android.graphics.Color)	4284228992 (0xFF5C2580)
<b>YUV</b>	63.8190, 31.6412, 24.7147
Hunter-Lab	22.7089, 30.7783, -38.7873

# Details

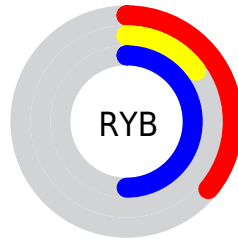
The Hex color **5C2580** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **498025**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **9157B6**, and **28004E** is the 20% darker color. If you saturate the color by 10%, you get **571880**, and if you desaturate by 10%, it is **613280**.

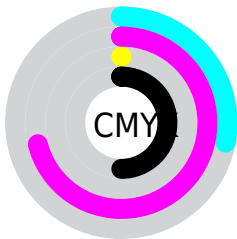
# Distribution



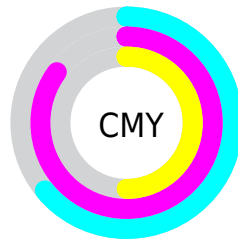
- Red (36%)
- Green (15%)
- Blue (50%)



- Red (36%)
- Yellow (15%)
- Blue (50%)



- Cyan (28%)
- Magenta (71%)
- Yellow (0%)
- Black (50%)



- Cyan (64%)
- Magenta (85%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C2580 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 5C2580 by changing the saturation by 10% instead.




 5C2580

 5C2580

FFFFFF

 420A66


 9157B6

 28004E

 AD70D1

 110037

 C98AEE

 000220

 E6A5FF

 000004

 FFC1FF

 000000

 FFDDFF

 FFFAFF

 5C2580

 5C2580

■ 571880

■ 613280

■ 520B80

■ 663F80

■ 4D0080

■ 6B4B80

■ 705880

■ 756580

■ 7A7280

■ 7F7F80

■ 858B80

■ 8A9880

# Harmonies

## Analogous

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



003F98



5C2580



820058

# Triad

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



5C2580



613600



005257

# Complementary

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



5C2580



498025

# 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.



005128



5C2580



3B4500

# Square

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



5C2580



7E1A00



004D00



005180

# Rectangle

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



5C2580



8B003A



004D00



005247



# Sweetspot

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



5C2580



9883A6



254980



4C3F54



D4D4D4



545454



# Same Dimension

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



5C2580



6E19A6



802577



3D3940



4D0080



000000



# Inverse Universe

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



802549



A61951



25802E



40393C



800032

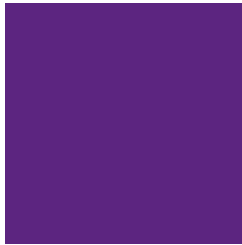


000000



# Previews

## White Background



This preview shows how the Hex color 5C2580 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

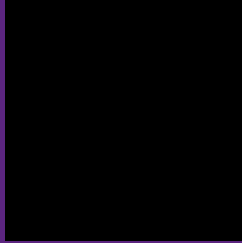
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5C2580 Background



This preview shows how black text looks on a background with the Hex color 5C2580.



This preview shows how white text looks on a background with the Hex color 5C2580.

# 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](#).

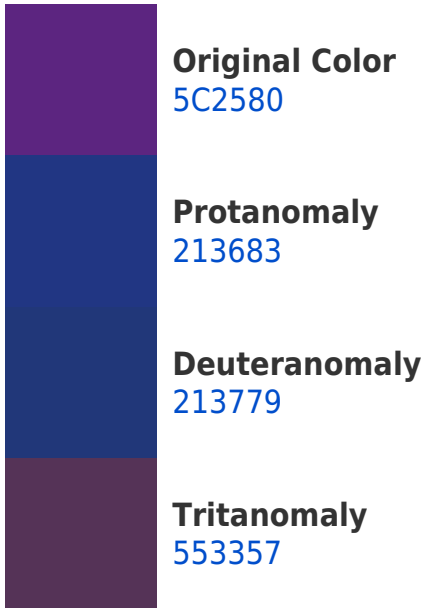
## Dichromacy



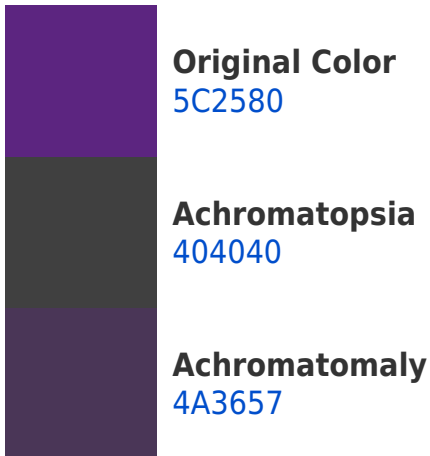


**Tritanopia**  
513B40

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C2580 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 #5C2580 looks like.

```
.text, #text, p{  
    color:#5C2580  
}
```

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 #5C2580 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C2580
}
```

## Border

The CSS property to change the border of an element to Hex 5C2580 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
#5C2580 }
```

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

```
.border{ border-color:#5C2580 }
```

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

Here you see how a box with a 4 pixel #5C2580 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C2580; -webkit-box-shadow:4px 4px  
4px 4px #5C2580; box-shadow:4px 4px 4px  
4px #5C2580 }
```

# Background

The CSS property to change the background color of an element to Hex 5C2580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C2580 }
```

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

```
.background{ background-color:#5C2580 }
```

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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