

# Converting Colors

Hex(6A5883)

Have a look what the booklet for  
Hex(6A5883) contains.

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# Color

**Hex(6A5883)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A5883
RGB	106, 88, 131
RGB Percent	42%, 35%, 51%
CMY	0.5843, 0.6549, 0.4863
CMYK	0.19, 0.33, 0.00, 0.49
HSL	265°, 20%, 43%
HSV	265°, 33%, 51%
XYZ	13.5303, 11.6823, 23.0145
YIQ	98.2840, -3.0750, 17.1890

# Conversions

## Conversions Part 2

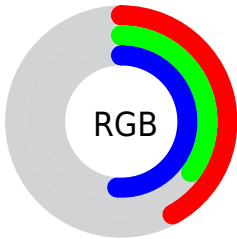
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 88, 131
Decimal	6969475
CIE <sub>Lab</sub>	40.71, 16.65, -21.37
CIE <sub>LCh</sub>	41, 27.085, 307.922
Yxy	11.6823, 0.2806, 0.2422
Android (android.graphics.Color)	4285159555 (0xFF6A5883)
YUV	98.2840, 16.1290, 6.7669
Hunter-Lab	34.1794, 10.8474, -15.9970

# Details

The Hex color **6A5883** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **718358**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **9E8AB8**, and **3A2A51** is the 20% darker color. If you saturate the color by 10%, you get **624B83**, and if you desaturate by 10%, it is **726583**.

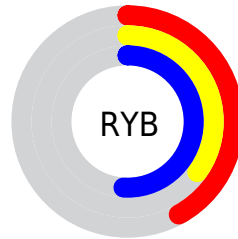
# Distribution



Red (42%)

Green (35%)

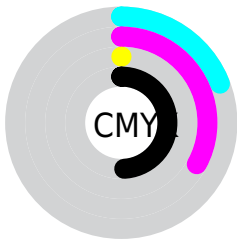
Blue (51%)



Red (42%)

Yellow (35%)

Blue (51%)

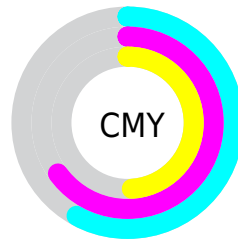


Cyan (19%)

Magenta (33%)

Yellow (0%)

Black (49%)



Cyan (58%)

Magenta (65%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A5883 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 6A5883 by changing the saturation by 10% instead.



■ 6A5883

■ 6A5883

FFFFFF

■ 51416A

■ 9E8AB8

■ 3A2A51

■ B9A4D4

■ 23163A

■ D5C0F0

■ 110025

■ F1DBFF

■ 00010D

■ FFF8FF

■ 000000

■ 6A5883

■ 6A5883

■ 624B83

■ 726583

■ 5B3E83

■ 797283

■ 533183

■ 817F83

■ 4C2483

■ 888C83

■ 441683

■ 909A83

■ 3C0983

■ 98A783

■ 370083

■ 9FB483

■ A7C183

■ AFCE83

# Harmonies

## Analogous

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



49608C



6A5883



805171

# Triad

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



6A5883



7C5937



0B6C65

# Complementary

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



6A5883



718358

# 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.



346A4F



6A5883



686133

# Square

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



6A5883



885246



51673C



006B7B

# Rectangle

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



6A5883



884E62



51673C



1C6C5E



# Sweetspot

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



6A5883



A19AAB



587183



514C57



D6D6D6



575757



# Same Dimension

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



6A5883



8468AB



7F5883



3E3C42



360082



010003



# Inverse Universe

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



835871



AB688F



5C8358



423C40



82004C



030001



# Previews

## White Background



This preview shows how the Hex color 6A5883 looks on a white background.

## Color Contrast Check

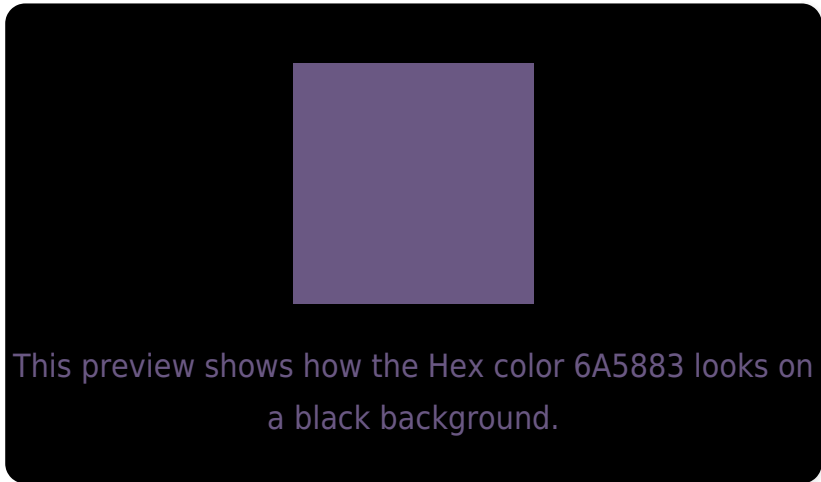
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

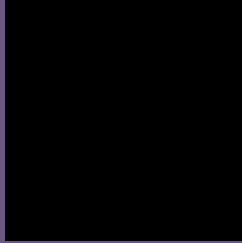
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A5883 Background



This preview shows how black text looks on a background with the Hex color 6A5883.



This preview shows how white text looks on a background with the Hex color 6A5883.

# 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**  
6A5883

**Protanopia**  
535F88

**Deuteranopia**  
575F82



**Tritanopia**  
655E65

# Trichromacy



**Original Color**  
6A5883

**Protanomaly**  
5B5C86

**Deuteranomaly**  
5E5C82

**Tritanomaly**  
675C70

# Monochromacy



**Original Color**  
6A5883

**Achromatopsia**  
626262

**Achromatomaly**  
655E6E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A5883 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 #6A5883 looks like.

```
.text, #text, p{  
  color:#6A5883  
}
```

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 #6A5883 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A5883
}
```

## Border

The CSS property to change the border of an element to Hex 6A5883 is called "border". The border property can be set on classes, ids or directly on the HTML element.

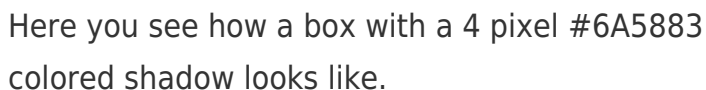
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A5883 }
```

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

```
.border{ border-color:#6A5883 }
```

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



Here you see how a box with a 4 pixel #6A5883 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A5883; -webkit-box-shadow:4px 4px  
4px 4px #6A5883; box-shadow:4px 4px 4px  
4px #6A5883 }
```

# Background

The CSS property to change the background color of an element to Hex 6A5883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A5883 }
```

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

```
.background{ background-color:#6A5883 }
```

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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