

# Converting Colors

Hex(6D5575)

Have a look what the booklet for  
Hex(6D5575) contains.

<b>Hex(6D5575)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(6D5575)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D5575
RGB	109, 85, 117
RGB Percent	43%, 33%, 46%
CMY	0.5725, 0.6667, 0.5412
CMYK	0.07, 0.27, 0.00, 0.54
HSL	285°, 16%, 40%
HSV	285°, 27%, 46%
XYZ	12.7661, 11.0326, 18.2863
YIQ	95.8240, 4.0320, 15.0400

# Conversions

## Conversions Part 2

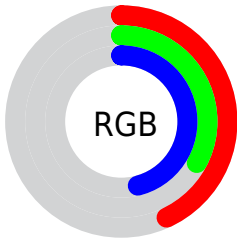
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	109, 85, 117
Decimal	7165301
CIE <sub>Lab</sub>	39.64, 16.25, -14.42
CIE <sub>LCh</sub>	40, 21.729, 318.417
Yxy	11.0326, 0.3033, 0.2622
Android (android.graphics.Color)	4285355381 (0xFF6D5575)
YUV	95.8240, 10.4398, 11.5554
Hunter-Lab	33.2153, 10.4784, -9.3907

# Details

The Hex color **6D5575** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **5D7555**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **A187A9**, and **3D2745** is the 20% darker color. If you saturate the color by 10%, you get **6A4975**, and if you desaturate by 10%, it is **706175**.

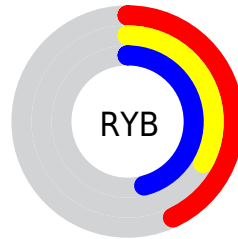
# Distribution



Red (43%)

Green (33%)

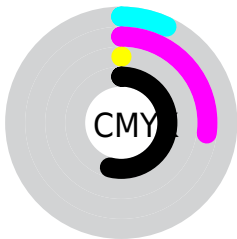
Blue (46%)



Red (43%)

Yellow (33%)

Blue (46%)

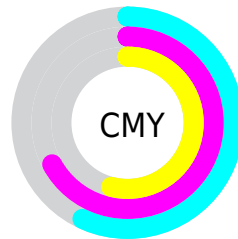


Cyan (7%)

Magenta (27%)

Yellow (0%)

Black (54%)



Cyan (57%)

Magenta (67%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D5575 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 6D5575 by changing the saturation by 10% instead.



6D5575

6D5575

FFFFFF

543E5C

A187A9

3D2745

BCA1C4

27132E

D8BCE0

14001A

F4D8FD

000000

FFF5FF

6D5575

6D5575

6A4975

706175

673E75

736C75

643275

767875

612675

798475

5E1A75

7C9075

5B0F75

7F9B75

590375

81A775

580075

84B375

87BE75

# Harmonies

## Analogous

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



565B7F



6D5575



7C5165

# Triad

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



6D5575



705A3B



226768

# Complementary

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



6D5575



5D7555

# 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.



356756



6D5575



5E603B

# Square

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



6D5575



7C5444



4A6445



236577

# Rectangle

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



6D5575



805059



4A6445



276762



# Sweetspot

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



6D5575



968D99



555D75



4B454D



CCCCCC



4D4D4D



# Same Dimension

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



6D5575



8C6799



75556D



39353B



5C007A



BB00FA



# Inverse Universe

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



75555D



996773



55755D



3B3536



7A001F



FA003E



# Previews

## White Background



This preview shows how the Hex color 6D5575 looks on a white background.

## Color Contrast Check

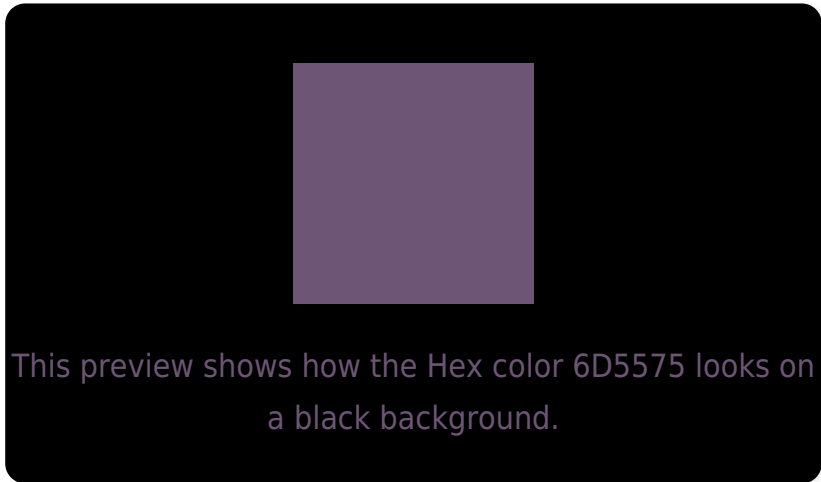
Large Text (above 18pt) WCAG AA ✓ Pass

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

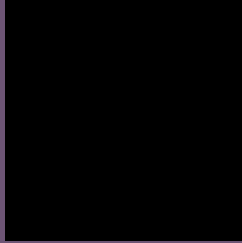
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6D5575 Background



This preview shows how black text looks on a background with the Hex color 6D5575.



This preview shows how white text looks on a background with the Hex color 6D5575.

# 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**  
6D5575

**Protanopia**  
565C7A

**Deuteranopia**  
5B5C74



**Tritanopia**  
6A5960

# Trichromacy



**Original Color**  
6D5575

**Protanomaly**  
5E5978

**Deuteranomaly**  
625974

**Tritanomaly**  
6B5868

# Monochromacy



**Original Color**  
6D5575

**Achromatopsia**  
606060

**Achromatomaly**  
655C68

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D5575 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 #6D5575 looks like.

```
.text, #text, p{  
    color:#6D5575  
}
```

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 #6D5575 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D5575
}
```

## Border

The CSS property to change the border of an element to Hex 6D5575 is called "border". The border property can be set on classes, ids or directly on the HTML element.

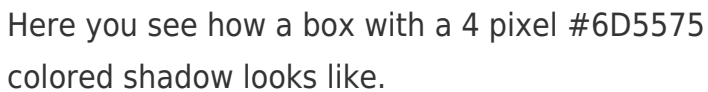
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D5575 }
```

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

```
.border{ border-color:#6D5575 }
```

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



Here you see how a box with a 4 pixel #6D5575 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D5575; -webkit-box-shadow:4px 4px  
4px 4px #6D5575; box-shadow:4px 4px 4px  
4px #6D5575 }
```

# Background

The CSS property to change the background color of an element to Hex 6D5575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D5575 }
```

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

```
.background{ background-color:#6D5575 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor