

# Converting Colors

Hex(6C5477)

Have a look what the booklet for  
Hex(6C5477) contains.

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# Color

**Hex(6C5477)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C5477
RGB	108, 84, 119
RGB Percent	42%, 33%, 47%
CMY	0.5765, 0.6706, 0.5333
CMYK	0.09, 0.29, 0.00, 0.53
HSL	281°, 17%, 40%
HSV	281°, 29%, 47%
XYZ	12.6844, 10.8607, 18.8805
YIQ	95.1660, 3.0690, 15.9730

# Conversions

## Conversions Part 2

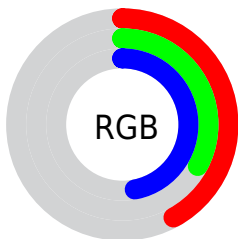
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	108, 84, 119
Decimal	7099511
CIE Lab	39.34, 16.96, -16.11
CIE LCh	39, 23.387, 316.478
Yxy	10.8607, 0.2990, 0.2560
Android (android.graphics.Color)	4285289591 (0xFF6C5477)
YUV	95.1660, 11.7502, 11.2554
Hunter-Lab	32.9556, 11.0315, -10.8989

# Details

The Hex color **6C5477** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **5F7754**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **A086AB**, and **3C2746** is the 20% darker color. If you saturate the color by 10%, you get **684877**, and if you desaturate by 10%, it is **706077**.

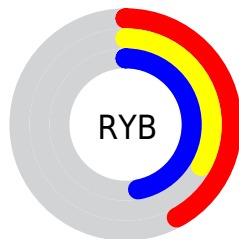
# Distribution



Red (42%)

Green (33%)

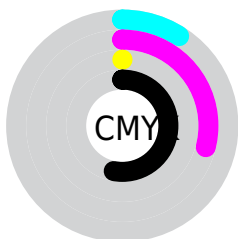
Blue (47%)



Red (42%)

Yellow (33%)

Blue (47%)

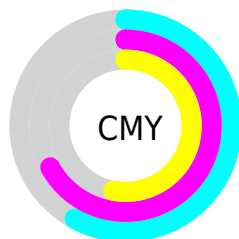


Cyan (9%)

Magenta (29%)

Yellow (0%)

Black (53%)



Cyan (58%)

Magenta (67%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C5477 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 6C5477 by changing the saturation by 10% instead.



6C5477

6C5477

FFFFFF

533D5E

A086AB

3C2746

BBA0C7

261230

D7BBE3

12001C

F3D7FF

000000

FFF3FF

6C5477

6C5477

684877

706077

653C77

736C77

613077

777877

5D2477

7B8477

591977

7F8F77

560D77

829B77

520177

86A777

520077

8AB377

8EBF77

# Harmonies

## Analogous

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



525B81



6C5477



7C4F66

# Triad

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



6C5477



715938



196767

# Complementary

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



6C5477



5F7754

# 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.



326653



6C5477



5F5F38

# Square

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



6C5477



7E5242



496442



166578

# Rectangle

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



6C5477



814E59



496442



216760



# Sweetspot

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



6C5477



978E9C



545F77



4C464F



CFCFCF



4F4F4F



# Same Dimension

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



6C5477



8A659C



775471



39353B



54007A



AB00FA



# Inverse Universe

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



77545F



9C6576



54775A



3B3537



7A0026

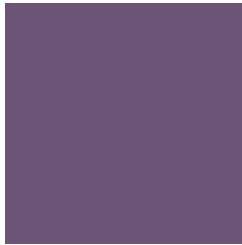


FA004F



# Previews

## White Background



This preview shows how the Hex color 6C5477 looks on a white background.

## Color Contrast Check

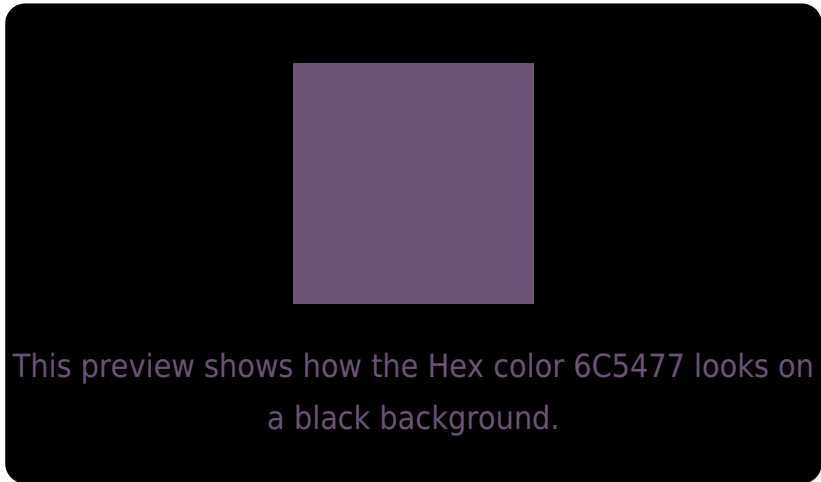
Large Text (above 18pt) WCAG AA ✓ Pass

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

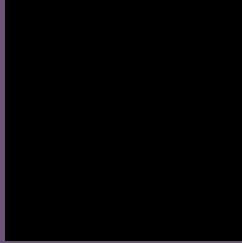
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6C5477 Background



This preview shows how black text looks on a background with the Hex color 6C5477.



This preview shows how white text looks on a background with the Hex color 6C5477.

# 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**  
6C5477

**Protanopia**  
545C7D

**Deuteranopia**  
595B76



**Tritanopia**  
68595F

# Trichromacy



**Original Color**  
6C5477

**Protanomaly**  
5D597B

**Deuteranomaly**  
605876

**Tritanomaly**  
695768

# Monochromacy



**Original Color**  
6C5477

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
645B68

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C5477 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 #6C5477 looks like.

```
.text, #text, p{  
    color:#6C5477  
}
```

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 #6C5477 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C5477
}
```

## Border

The CSS property to change the border of an element to Hex 6C5477 is called "border". The border property can be set on classes, ids or directly on the HTML element.

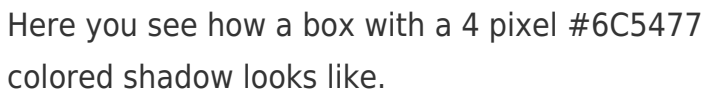
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C5477 }
```

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

```
.border{ border-color:#6C5477 }
```

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



Here you see how a box with a 4 pixel #6C5477 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C5477; -webkit-box-shadow:4px 4px  
4px 4px #6C5477; box-shadow:4px 4px 4px  
4px #6C5477 }
```

# Background

The CSS property to change the background color of an element to Hex 6C5477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C5477 }
```

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

```
.background{ background-color:#6C5477 }
```

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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