

# Converting Colors

Hex(6B5590)

Have a look what the booklet for  
Hex(6B5590) contains.

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# Color

**Hex(6B5590)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B5590
RGB	107, 85, 144
RGB Percent	42%, 33%, 56%
CMY	0.5804, 0.6667, 0.4353
CMYK	0.26, 0.41, 0.00, 0.44
HSL	262°, 26%, 45%
HSV	262°, 41%, 56%
XYZ	14.3459, 11.6364, 27.8755
YIQ	98.3040, -5.8270, 23.0130

# Conversions

## Conversions Part 2

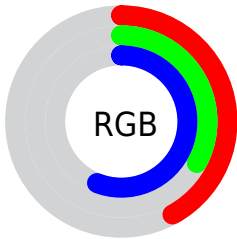
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 85, 144
Decimal	7034256
CIE Lab	40.63, 22.11, -29.35
CIE LCh	41, 36.748, 306.990
Yxy	11.6364, 0.2664, 0.2161
Android (android.graphics.Color)	4285224336 (0xFF6B5590)
YUV	98.3040, 22.5281, 7.6264
Hunter-Lab	34.1122, 15.3722, -24.5715

# Details

The Hex color **6B5590** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7A9055**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **A087C6**, and **39275D** is the 20% darker color. If you saturate the color by 10%, you get **624790**, and if you desaturate by 10%, it is **746390**.

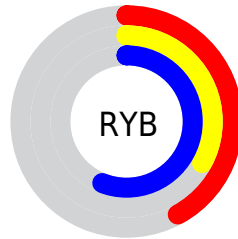
# Distribution



Red (42%)

Green (33%)

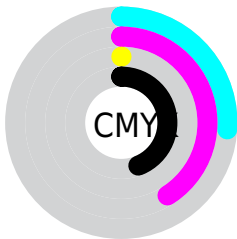
Blue (56%)



Red (42%)

Yellow (33%)

Blue (56%)

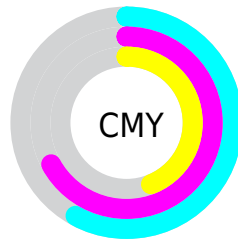


Cyan (26%)

Magenta (41%)

Yellow (0%)

Black (44%)



Cyan (58%)

Magenta (67%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B5590 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 6B5590 by changing the saturation by 10% instead.



6B5590

6B5590

FFFFFF

523E76

A087C6

39275D

BBA1E2

221245

D7BCFF

10002F

F4D8FF

000119

FFF5FF

000000

6B5590

6B5590

624790

746390

593890

7D7290

502A90

868090

471B90

8F8F90

3E0D90

989D90

360090

A1AB90

AABA90

B3C890

BCD790

# Harmonies

## Analogous

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



35619B



6B5590



8A4A78

# Triad

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



6B5590



845628



006F66

# Complementary

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



6B5590



7A9055

# 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.



1B6D47



6B5590



6A6021

# Square

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



6B5590



944B3D



4A682D



006E83

# Rectangle

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



6B5590



954664



4A682D



006F5C



# Sweetspot

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



6B5590



ACA4BA



557A90



56515E



DEDEDE



5E5E5E



# Same Dimension

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



6B5590



815FBA



885590



434047



320087



030008



# Inverse Universe

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



90557A



BA5F98



5D9055



474045



870055

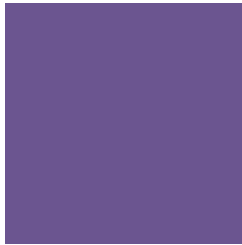


080005



# Previews

## White Background



This preview shows how the Hex color 6B5590 looks on a white background.

## Color Contrast Check

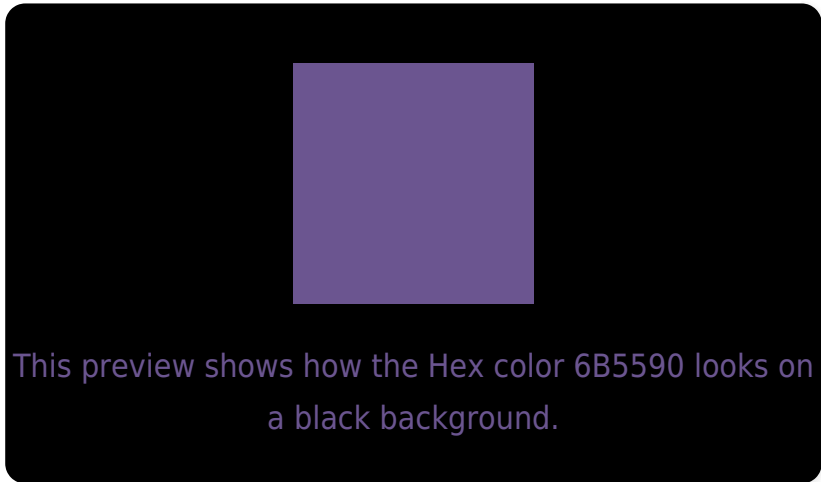
Large Text (above 18pt) WCAG AA ✓ Pass

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

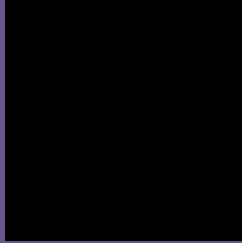
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6B5590 Background



This preview shows how black text looks on a background with the Hex color 6B5590.

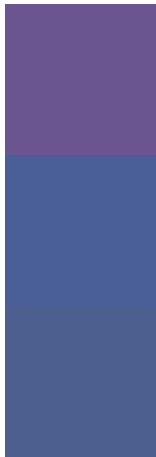


This preview shows how white text looks on a background with the Hex color 6B5590.

# 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**  
6B5590

**Protanopia**  
4A5E98

**Deuteranopia**  
4C5F8E



**Tritanopia**  
635E66

# Trichromacy



**Original Color**  
6B5590

**Protanomaly**  
565B95

**Deuteranomaly**  
575B8F

**Tritanomaly**  
665B75

# Monochromacy



**Original Color**  
6B5590

**Achromatopsia**  
626262

**Achromatomaly**  
655D73

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B5590 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 #6B5590 looks like.

```
.text, #text, p{  
    color:#6B5590  
}
```

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 #6B5590 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B5590
}
```

## Border

The CSS property to change the border of an element to Hex 6B5590 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
#6B5590 }
```

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

```
.border{ border-color:#6B5590 }
```

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

Here you see how a box with a 4 pixel #6B5590 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B5590; -webkit-box-shadow:4px 4px  
4px 4px #6B5590; box-shadow:4px 4px 4px  
4px #6B5590 }
```

# Background

The CSS property to change the background color of an element to Hex 6B5590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B5590 }
```

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

```
.background{ background-color:#6B5590 }
```

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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