

# Converting Colors

Hex(6B6895)

Have a look what the booklet for  
Hex(6B6895) contains.

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# Color

Hex(6B6895)

# Conversions

## Conversions Part 1

Format	Color
Hex	6B6895
RGB	107, 104, 149
RGB Percent	42%, 41%, 58%
CMY	0.5804, 0.5922, 0.4157
CMYK	0.28, 0.30, 0.00, 0.42
HSL	244°, 18%, 50%
HSV	244°, 30%, 58%
XYZ	16.4385, 15.1964, 30.5006
YIQ	110.0270, -12.6570, 14.6310

# Conversions

## Conversions Part 2

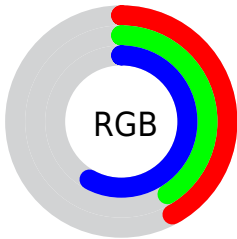
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">107, 104, 149</a>
Decimal	<a href="#">7039125</a>
CIELab	<a href="#">45.90, 11.76, -24.13</a>
CIELCh	<a href="#">46, 26.846, 295.975</a>
Yxy	<a href="#">15.1964, 0.2646, 0.2446</a>
Android (android.graphics.Color)	<a href="#">4285229205 (0xFF6B6895)</a>
YUV	<a href="#">110.0270, 19.2137, -2.6547</a>
Hunter-Lab	<a href="#">38.9825, 7.0523, -19.1017</a>

# Details

The Hex color **6B6895** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **929568**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **9F9BCB**, and **3A3962** is the 20% darker color. If you saturate the color by 10%, you get **5D5995**, and if you desaturate by 10%, it is **797795**.

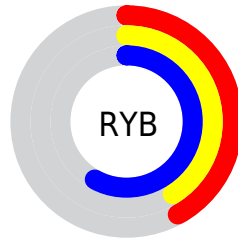
# Distribution



Red (42%)

Green (41%)

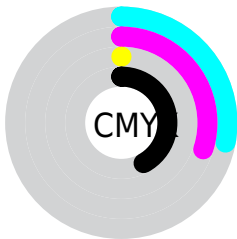
Blue (58%)



Red (42%)

Yellow (41%)

Blue (58%)

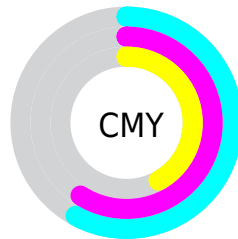


Cyan (28%)

Magenta (30%)

Yellow (0%)

Black (42%)



Cyan (58%)

Magenta (59%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B6895 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 6B6895 by changing the saturation by 10% instead.





6B6895



6B6895

FFFFFF



52507B



9F9BCB



3A3962



BBB6E7



22244A



D7D1FF



0B0F33



F3EEFF



00021E



000000



6B6895



6B6895



5D5995



797795



4F4A95



878695

413B95

959595

332C95

A3A495

251E95

B1B395

180F95

BEC195

0A0095

CCD095

DADF95

E8EE95

# Harmonies

## Analogous

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



477099



6B6895



866086

# Triad

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



6B6895



906348



307969

# Complementary

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



6B6895



929568

# 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.



4D7653



6B6895



7E6A40

# Square

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



6B6895



985D5A



687144



117880

# Rectangle

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



6B6895



925C78



687144



3A7861



# Sweetspot

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



6B6895



B2B0C2



689295



575661



E0E0E0



616161



# Same Dimension

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



6B6895



817CC2



826895



43434A



09008A



01000A



# Inverse Universe

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



956892



C27CBD



7B9568



4A4349



8A0081



0A000A



# Previews

## White Background



This preview shows how the Hex color 6B6895 looks on a white background.

## Color Contrast Check

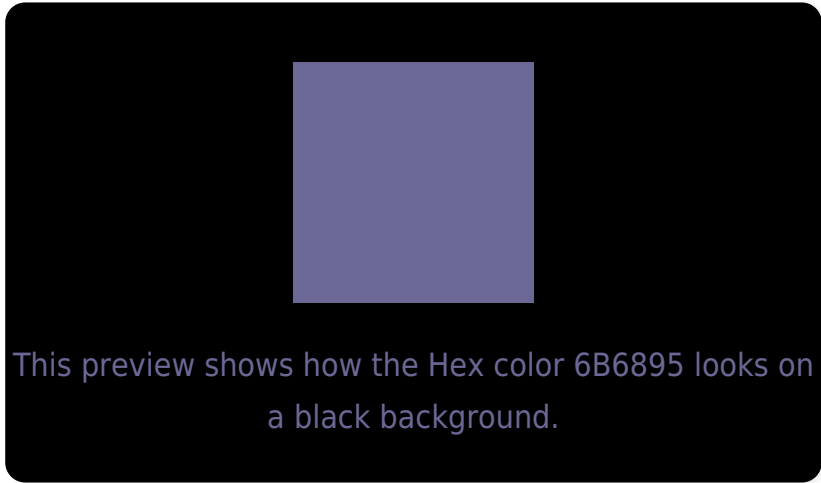
Large Text (above 18pt) WCAG AA ✓ Pass

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

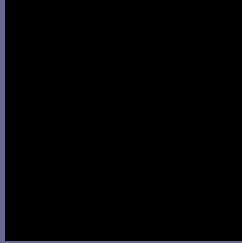
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6B6895 Background



This preview shows how black text looks on a background with the Hex color 6B6895.



This preview shows how white text looks on a background with the Hex color 6B6895.

# 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**  
6B6895

**Protanopia**  
5F6B97

**Deuteranopia**  
616B94



**Tritanopia**  
656E77

# Trichromacy



**Original Color**  
6B6895

**Protanomaly**  
636A96

**Deuteranomaly**  
656A94

**Tritanomaly**  
676C82

# Monochromacy



**Original Color**  
6B6895

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
6D6C7C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B6895 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 #6B6895 looks like.

```
.text, #text, p{  
    color:#6B6895  
}
```

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 #6B6895 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B6895
}
```

## Border

The CSS property to change the border of an element to Hex 6B6895 is called "border". The border property can be set on classes, ids or directly on the HTML element.

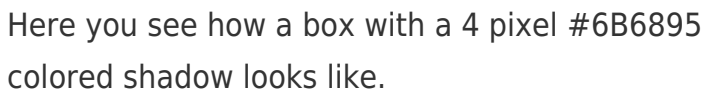
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B6895 }
```

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

```
.border{ border-color:#6B6895 }
```

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



Here you see how a box with a 4 pixel #6B6895 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B6895; -webkit-box-shadow:4px 4px  
4px 4px #6B6895; box-shadow:4px 4px 4px  
4px #6B6895 }
```

# Background

The CSS property to change the background color of an element to Hex 6B6895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B6895 }
```

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

```
.background{ background-color:#6B6895 }
```

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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