

# Converting Colors

Hex(6B3361)

Have a look what the booklet for  
Hex(6B3361) contains.

<b>Hex(6B3361)</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(6B3361)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B3361
RGB	107, 51, 97
RGB Percent	42%, 20%, 38%
CMY	0.5804, 0.8000, 0.6196
CMYK	0.00, 0.52, 0.09, 0.58
HSL	311°, 35%, 31%
HSV	311°, 52%, 42%
XYZ	9.4049, 6.3565, 12.0405
YIQ	72.9880, 18.6100, 26.1780

# Conversions

## Conversions Part 2

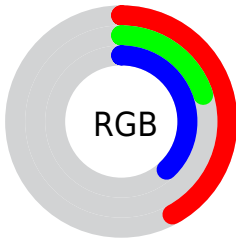
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 51, 97
Decimal	7025505
CIE <sub>Lab</sub>	30.29, 31.72, -16.18
CIE <sub>LCh</sub>	30, 35.606, 332.975
Yxy	6.3565, 0.3383, 0.2286
Android (android.graphics.Color)	4285215585 (0xFF6B3361)
YUV	72.9880, 11.8379, 29.8285
Hunter-Lab	25.2121, 22.4647, -10.6665

# Details

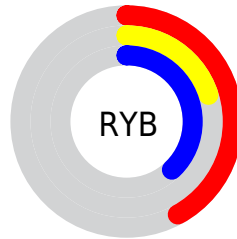
The Hex color **6B3361** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **336B3D**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **A06494**, and **390232** is the 20% darker color. If you saturate the color by 10%, you get **6B285F**, and if you desaturate by 10%, it is **6B3E63**.

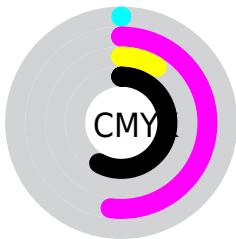
# Distribution



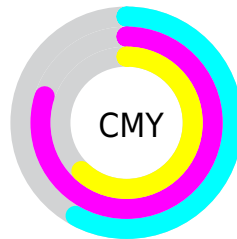
- Red (42%)
- Green (20%)
- Blue (38%)



- Red (42%)
- Yellow (20%)
- Blue (38%)



- Cyan (0%)
- Magenta (52%)
- Yellow (9%)
- Black (58%)



- Cyan (58%)
- Magenta (80%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B3361 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 6B3361 by changing the saturation by 10% instead.



 6B3361

 6B3361

FFFFFF

 521B49

 A06494

 390232

 BB7DAE

 26001E

 D898CA

 000000

 F4B3E6

 FFCFFF

 FFE8FF

 6B3361

 6B3361

 6B285F

 6B3E63

6B1E5D

6B4865

6B135B

6B5367

6B0859

6B5E69

6B0058

6B696B

6B736C

6B7E6E

6B8970

6B9372

# Harmonies

## Analogous

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



4B3F76



6B3361



792D46

# Triad

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



6B3361



534709



005465

# Complementary

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



6B3361



336B3D

# 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.



005549



6B3361



374E15

# Square

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



6B3361



693C15



04532D



005178

# Rectangle

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



6B3361



792F33



04532D



00545C



# Sweetspot

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



6B3361



8C7688



3C336B



473A45



C7C7C7



474747



# Same Dimension

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



6B3361



8C347C



6B3346



363035



750060



F500C9



# Inverse Universe

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



6B3361



8C347C



336B58



363035



750060

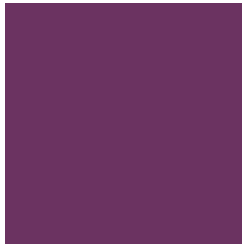


F500C9



# Previews

## White Background



This preview shows how the Hex color 6B3361 looks on a white background.

## Color Contrast Check

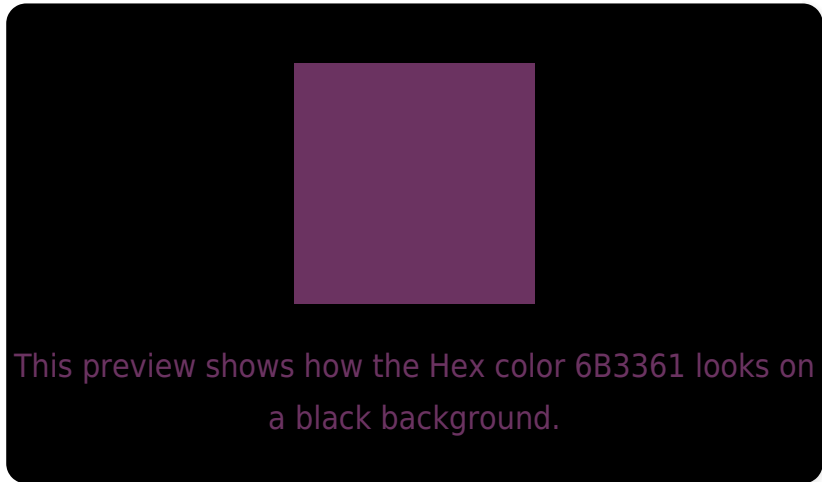
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

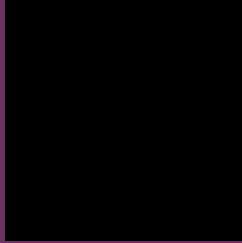
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6B3361 Background



This preview shows how black text looks on a background with the Hex color 6B3361.



This preview shows how white text looks on a background with the Hex color 6B3361.

# 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**  
6B3361

**Protanopia**  
384771

**Deuteranopia**  
43475E



**Tritanopia**  
673B3F

# Trichromacy



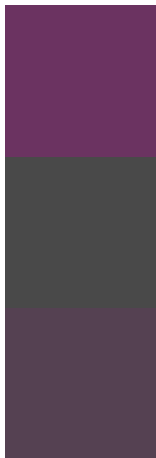
**Original Color**  
6B3361

**Protanomaly**  
4B406B

**Deuteranomaly**  
52405F

**Tritanomaly**  
68384B

# Monochromacy



**Original Color**  
6B3361

**Achromatopsia**  
494949

**Achromatomaly**  
554152

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B3361 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 #6B3361 looks like.

```
.text, #text, p{  
    color:#6B3361  
}
```

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 #6B3361 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B3361
}
```

## Border

The CSS property to change the border of an element to Hex 6B3361 is called "border". The border property can be set on classes, ids or directly on the HTML element.

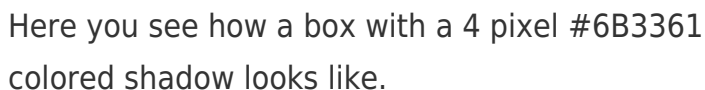
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B3361 }
```

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

```
.border{ border-color:#6B3361 }
```

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



Here you see how a box with a 4 pixel #6B3361 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B3361; -webkit-box-shadow:4px 4px  
4px 4px #6B3361; box-shadow:4px 4px 4px  
4px #6B3361 }
```

# Background

The CSS property to change the background color of an element to Hex 6B3361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B3361 }
```

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

```
.background{ background-color:#6B3361 }
```

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