

# Converting Colors

Hex(6B215D)

Have a look what the booklet for  
Hex(6B215D) contains.

<b>Hex(6B215D)</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(6B215D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B215D
RGB	107, 33, 93
RGB Percent	42%, 13%, 36%
CMY	0.5804, 0.8706, 0.6353
CMYK	0.00, 0.69, 0.13, 0.58
HSL	311°, 53%, 27%
HSV	311°, 69%, 42%
XYZ	8.5830, 5.0038, 10.8694
YIQ	61.9660, 24.8440, 34.3480

# Conversions

## Conversions Part 2

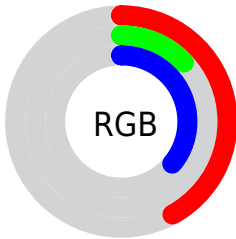
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 33, 93
Decimal	7020893
CIE <sub>Lab</sub>	26.75, 40.07, -19.08
CIE <sub>LCh</sub>	27, 44.383, 334.541
Yxy	5.0038, 0.3510, 0.2046
Android (android.graphics.Color)	4285210973 (0xFF6B215D)
YUV	61.9660, 15.2998, 39.4948
Hunter-Lab	22.3692, 29.3441, -13.1510

# Details

The Hex color **6B215D** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **216B2F**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **A15490**, and **38002F** is the 20% darker color. If you saturate the color by 10%, you get **6B165B**, and if you desaturate by 10%, it is **6B2C5F**.

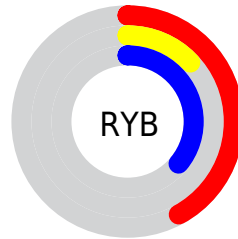
# Distribution



Red (42%)

Green (13%)

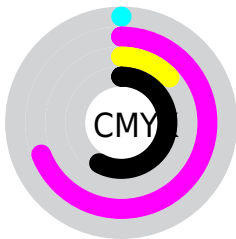
Blue (36%)



Red (42%)

Yellow (13%)

Blue (36%)

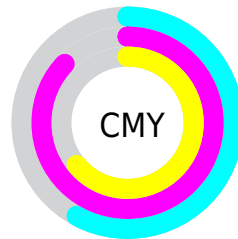


Cyan (0%)

Magenta (69%)

Yellow (13%)

Black (58%)



Cyan (58%)

Magenta (87%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B215D 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 6B215D by changing the saturation by 10% instead.



 6B215D

 6B215D

FFFFFF

 510345

 A15490

 38002F

 BC6DAA

 22001A

 D988C5

 000000

 F6A3E1

 FFBEFE

 FFDBFF

 FFF7FF

 6B215D

 6B215D

■ 6B165B

■ 6B2C5F

■ 6B0C59

■ 6B3661

■ 6B0157

■ 6B4163

■ 6B0057

■ 6B4C65

■ 6B5667

■ 6B6169

■ 6B6C6B

■ 6B776D

■ 6B816F

# Harmonies

## Analogous

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



443478



6B215D



7A163C

# Triad

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



6B215D



4A3F00



004E65

# Complementary

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



6B215D



216B2F

# 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.



004E44



6B215D



264800

# Square

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



6B215D



643200



004C20



004A7D

# Rectangle

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



6B215D



791C25



004C20



004E5B



# Sweetspot

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



6B215D



8C6F87



2F216B



473644



C7C7C7



474747



# Same Dimension

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



6B215D



8C1876



6B2138



363035



75005F



F500C6



# Inverse Universe

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



6B215D



8C1876



216B54



363035



75005F



F500C6



# Previews

## White Background



This preview shows how the Hex color 6B215D looks on a white background.

## Color Contrast Check

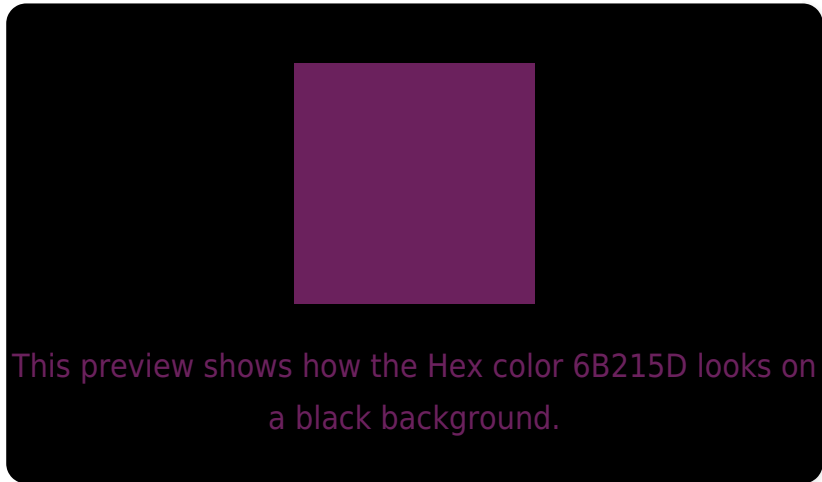
Large Text (above 18pt) WCAG AA ✓ Pass

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

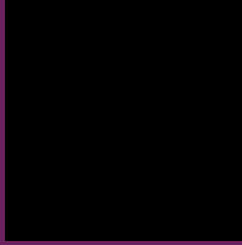
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6B215D Background



This preview shows how black text looks on a background with the Hex color 6B215D.



This preview shows how white text looks on a background with the Hex color 6B215D.

# 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





**Tritanopia**  
672E31

# Trichromacy



**Original Color**  
6B215D

**Protanomaly**  
3E346D

**Deuteranomaly**  
4B355A

**Tritanomaly**  
682941

# Monochromacy



**Original Color**  
6B215D

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
4E3349

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B215D 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 #6B215D looks like.

```
.text, #text, p{  
    color:#6B215D  
}
```

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 #6B215D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B215D
}
```

## Border

The CSS property to change the border of an element to Hex 6B215D 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".

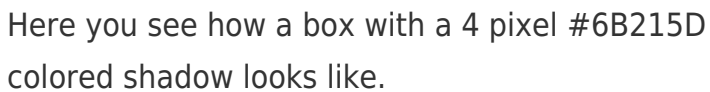
```
.border, #border, table{ border:4px solid
#6B215D }
```

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

```
.border{ border-color:#6B215D }
```

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

Here you see how a box with a 4 pixel #6B215D colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is white.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B215D; -webkit-box-shadow:4px 4px  
4px 4px #6B215D; box-shadow:4px 4px 4px  
4px #6B215D }
```

# Background

The CSS property to change the background color of an element to Hex 6B215D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B215D }
```

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

```
.background{ background-color:#6B215D }
```

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