

# Converting Colors

Hex(6C255D)

Have a look what the booklet for  
Hex(6C255D) contains.

<b>Hex(6C255D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(6C255D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C255D
RGB	108, 37, 93
RGB Percent	42%, 15%, 36%
CMY	0.5765, 0.8549, 0.6353
CMYK	0.00, 0.66, 0.14, 0.58
HSL	313°, 49%, 28%
HSV	313°, 66%, 42%
XYZ	8.8217, 5.3016, 10.9143
YIQ	64.6130, 24.3400, 32.4680

# Conversions

## Conversions Part 2

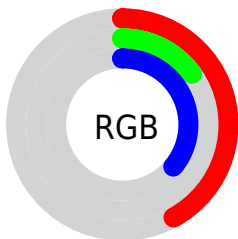
<b>Format</b>	<b>Color</b>
<b>RYB</b>	108, 37, 93
Decimal	7087453
CIELab	27.58, 38.55, -17.77
CIELCh	28, 42.448, 335.249
Yxy	5.3016, 0.3523, 0.2117
Android (android.graphics.Color)	4285277533 (0xFF6C255D)
YUV	64.6130, 13.9948, 38.0504
Hunter-Lab	23.0252, 28.0950, -11.9867

# Details

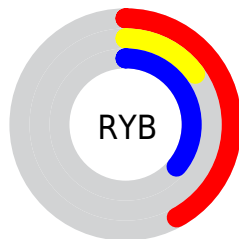
The Hex color **6C255D** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **256C34**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **A2578F**, and **39002F** is the 20% darker color. If you saturate the color by 10%, you get **6C1A5B**, and if you desaturate by 10%, it is **6C305F**.

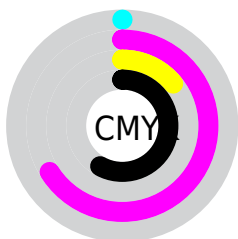
# Distribution



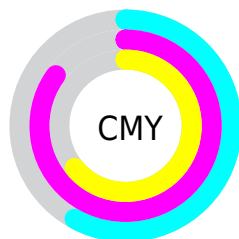
- Red (42%)
- Green (15%)
- Blue (36%)



- Red (42%)
- Yellow (15%)
- Blue (36%)



- Cyan (0%)
- Magenta (66%)
- Yellow (14%)
- Black (58%)



- Cyan (58%)
- Magenta (85%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C255D 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 6C255D by changing the saturation by 10% instead.



6C255D

6C255D

FFFFFF

520945

A2578F

39002F

BD71AA

24001A

DA8BC5

000000

F7A6E1

FFC2FE

FFDEFF

FFFBFF

6C255D

6C255D

6C1A5B

6C305F

6C0F58

6C3B62

6C0556

6C4564

6C0055

6C5066

6C5B68

6C666B

6C716D

6C7B6F

6C8672

# Harmonies

## Analogous

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



483677



6C255D



7A1C3D

# Triad

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



6C255D



4B4200



004F66

# Complementary

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



6C255D



256C34

# 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.



005046



6C255D



284A02

# Square

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



6C255D



653500



004E24



004C7C

# Rectangle

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



6C255D



792128



004E24



00505C



# Sweetspot

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



6C255D



8C7086



33256C



473644



C7C7C7



474747



# Same Dimension

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



6C255D



8C1D75



6C253A



363034



75005D



F500C1



# Inverse Universe

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



6C255D



8C1D75



256C57



363034



75005D

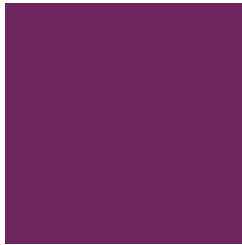


F500C1



# Previews

## White Background



This preview shows how the Hex color 6C255D looks on a white background.

## Color Contrast Check

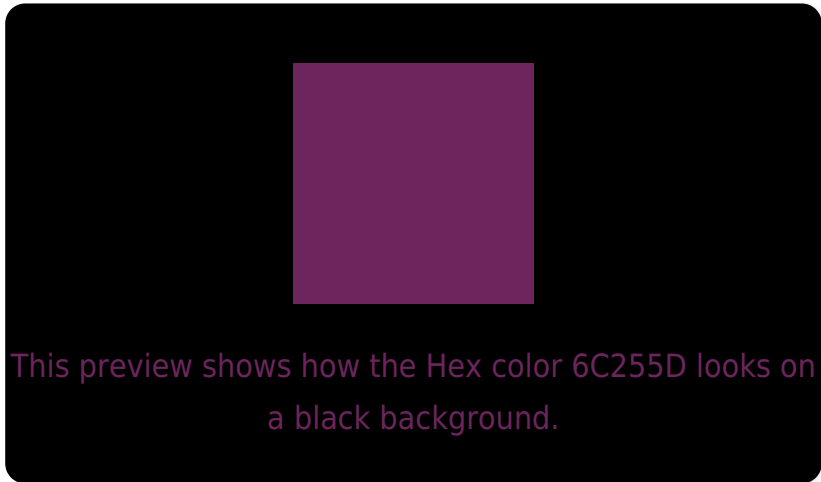
Large Text (above 18pt) WCAG AA ✓ Pass

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

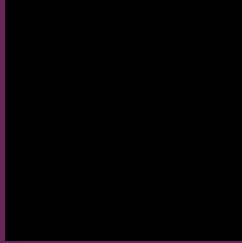
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6C255D Background



This preview shows how black text looks on a background with the Hex color 6C255D.



This preview shows how white text looks on a background with the Hex color 6C255D.

# 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**  
6C255D

**Protanopia**  
2B4174

**Deuteranopia**  
3C4159



**Tritanopia**  
683134

# Trichromacy



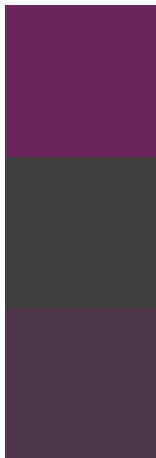
**Original Color**  
6C255D

**Protanomaly**  
43376C

**Deuteranomaly**  
4D375A

**Tritanomaly**  
692D43

# Monochromacy



**Original Color**  
6C255D

**Achromatopsia**  
414141

**Achromatomaly**  
51374B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C255D 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 #6C255D looks like.

```
.text, #text, p{  
    color:#6C255D  
}
```

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 #6C255D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C255D
}
```

## Border

The CSS property to change the border of an element to Hex 6C255D is called "border". The border property can be set on classes, ids or directly on the HTML element.

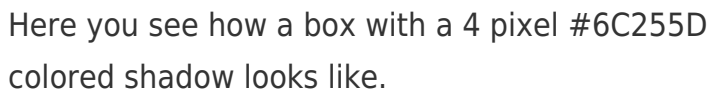
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C255D }
```

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

```
.border{ border-color:#6C255D }
```

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



Here you see how a box with a 4 pixel #6C255D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C255D; -webkit-box-shadow:4px 4px  
4px 4px #6C255D; box-shadow:4px 4px 4px  
4px #6C255D }
```

# Background

The CSS property to change the background color of an element to Hex 6C255D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C255D }
```

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

```
.background{ background-color:#6C255D }
```

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