

# Converting Colors

Hex(65337A)

Have a look what the booklet for  
Hex(65337A) contains.

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**Color**

**Hex(65337A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	65337A
RGB	101, 51, 122
RGB Percent	40%, 20%, 48%
CMY	0.6039, 0.8000, 0.5216
CMYK	0.17, 0.58, 0.00, 0.52
HSL	282°, 41%, 34%
HSV	282°, 58%, 48%
XYZ	10.0635, 6.5395, 19.1442
YIQ	74.0440, 7.0090, 32.6810

# Conversions

## Conversions Part 2

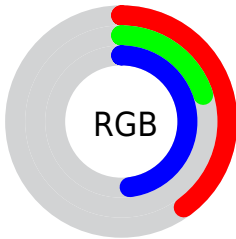
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	101, 51, 122
Decimal	6632314
CIE <sub>Lab</sub>	30.73, 35.10, -31.47
CIE <sub>LCh</sub>	31, 47.139, 318.123
Yxy	6.5395, 0.2815, 0.1829
Android (android.graphics.Color)	4284822394 (0xFF65337A)
YUV	74.0440, 23.6423, 23.6404
Hunter-Lab	25.5724, 25.4932, -26.4853

# Details

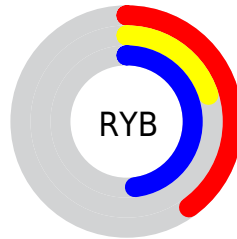
The Hex color **65337A** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **487A33**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **9A64AF**, and **330249** is the 20% darker color. If you saturate the color by 10%, you get **61277A**, and if you desaturate by 10%, it is **693F7A**.

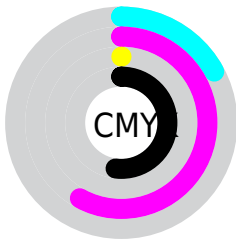
# Distribution



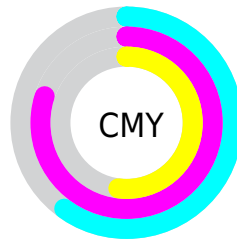
- Red (40%)
- Green (20%)
- Blue (48%)



- Red (40%)
- Yellow (20%)
- Blue (48%)



- Cyan (17%)
- Magenta (58%)
- Yellow (0%)
- Black (52%)



- Cyan (60%)
- Magenta (80%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65337A 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 65337A by changing the saturation by 10% instead.



65337A

65337A

FFFFFF

4C1B61

9A64AF

330249

B57ECA

200032

D198E7

00011C

EEB3FF

000000

FFCFFF

FFEBFF

65337A

65337A

61277A

693F7A

■ 5E1B7A

■ 6C4B7A

■ 5A0E7A

■ 70587A

■ 57027A

■ 73647A

■ 56007A

■ 77707A

■ 7B7C7A

■ 7E887A

■ 82957A

■ 85A17A

# Harmonies

## Analogous

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



20458F



65337A



822159

# Triad

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



65337A



654100



00595E

# Complementary

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



65337A



487A33

# 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.



005838



65337A



444D00

# Square

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



65337A



7D3011



0F5411



00577F

# Rectangle

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



65337A



891D40



0F5411



005952



# Sweetspot

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



65337A



96839E



33487A



4A3F4F



CFCFCF



4F4F4F



# Same Dimension

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



65337A



7D2F9E



7A336C



3B373D



58007D



B200FC



# Inverse Universe

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



7A3348



9E2F50



337A41



3D3739



7D0025

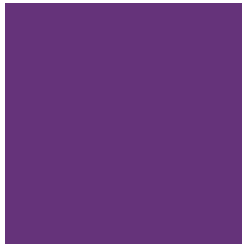


FC004B



# Previews

## White Background



This preview shows how the Hex color 65337A looks on a white background.

## Color Contrast Check

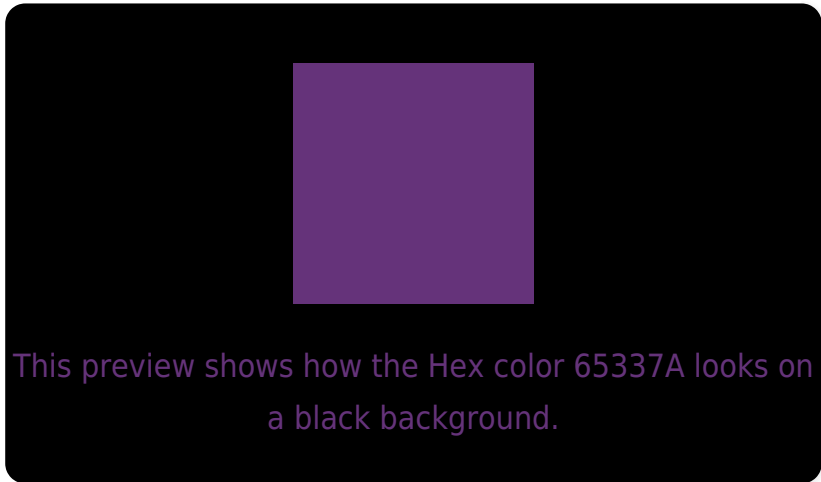
Large Text (above 18pt) WCAG AA ✓ Pass

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

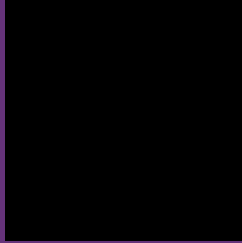
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 65337A Background



This preview shows how black text looks on a background with the Hex color 65337A.

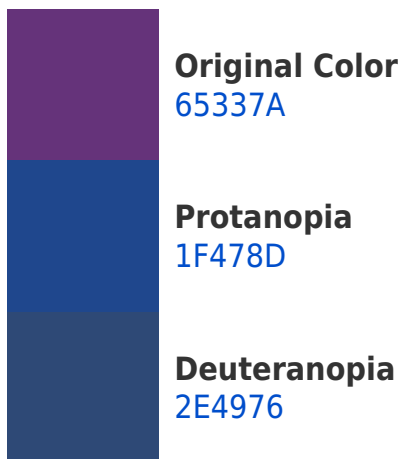


This preview shows how white text looks on a background with the Hex color 65337A.

# 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**  
5D4146

# Trichromacy



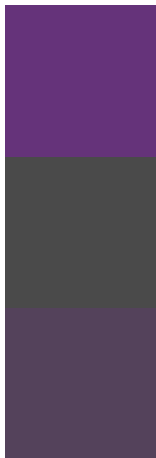
**Original Color**  
65337A

**Protanomaly**  
384086

**Deuteranomaly**  
424177

**Tritanomaly**  
603C59

# Monochromacy



**Original Color**  
65337A

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
54425B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65337A 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 #65337A looks like.

```
.text, #text, p{  
    color:#65337A  
}
```

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 #65337A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65337A
}
```

## Border

The CSS property to change the border of an element to Hex 65337A is called "border". The border property can be set on classes, ids or directly on the HTML element.

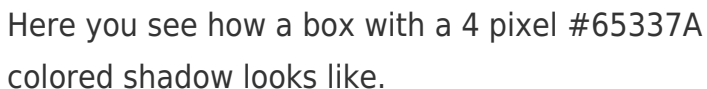
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#65337A }
```

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

```
.border{ border-color:#65337A }
```

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



Here you see how a box with a 4 pixel #65337A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65337A; -webkit-box-shadow:4px 4px  
4px 4px #65337A; box-shadow:4px 4px 4px  
4px #65337A }
```

# Background

The CSS property to change the background color of an element to Hex 65337A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65337A }
```

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

```
.background{ background-color:#65337A }
```

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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