

# Converting Colors

Hex(6E3D85)

Have a look what the booklet for  
Hex(6E3D85) contains.

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# Color

**Hex(6E3D85)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6E3D85
RGB	110, 61, 133
RGB Percent	43%, 24%, 52%
CMY	0.5686, 0.7608, 0.4784
CMYK	0.17, 0.54, 0.00, 0.48
HSL	281°, 37%, 38%
HSV	281°, 54%, 52%
XYZ	12.3328, 8.3459, 23.1512
YIQ	83.8590, 6.0920, 32.7800

# Conversions

## Conversions Part 2

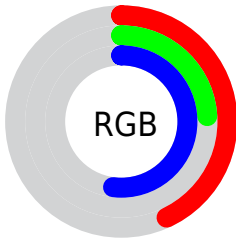
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 61, 133
Decimal	7224709
CIE <sub>Lab</sub>	34.69, 34.63, -31.97
CIE <sub>LCh</sub>	35, 47.127, 317.284
Yxy	8.3459, 0.2814, 0.1904
Android (android.graphics.Color)	4285414789 (0xFF6E3D85)
YUV	83.8590, 24.2265, 22.9257
Hunter-Lab	28.8893, 25.6449, -27.2910

# Details

The Hex color **6E3D85** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **54853D**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **A36EBB**, and **3C0D53** is the 20% darker color. If you saturate the color by 10%, you get **6A3085**, and if you desaturate by 10%, it is **724A85**.

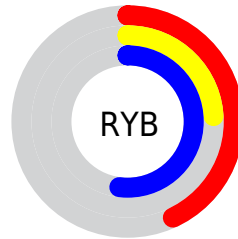
# Distribution



Red (43%)

Green (24%)

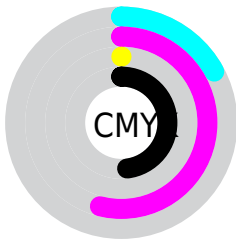
Blue (52%)



Red (43%)

Yellow (24%)

Blue (52%)

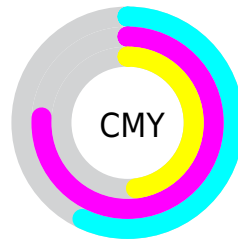


Cyan (17%)

Magenta (54%)

Yellow (0%)

Black (48%)



Cyan (57%)

Magenta (76%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E3D85 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 6E3D85 by changing the saturation by 10% instead.



6E3D85

6E3D85

FFFFFF

54256B

A36EBB

3C0D53

BF88D6

24003B

DBA3F3

020025

F8BEFF

00010D

FFDBFF

000000

FFF7FF

6E3D85

6E3D85

6A3085

724A85

662285

765885

611585

7B6585

5D0885

7F7285

5B0085

838085

878D85

8C9A85

90A785

94B585

# Harmonies

## Analogous

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



2B4E9A



6E3D85



8C2C63

# Triad

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



6E3D85



704A00



006367

# Complementary

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



6E3D85



54853D

# 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.



006240



6E3D85



4F5600

# Square

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



6E3D85



893A1B



1F5E1A



006188

# Rectangle

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



6E3D85



94294A



1F5E1A



00635A



# Sweetspot

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



6E3D85



A592AD



3D5585



514657



D6D6D6



575757



# Same Dimension

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



6E3D85



893DAD



853D79



403C42



590082



020003



# Inverse Universe

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



853D54



AD3D61



3D8549



423C3E



82002A

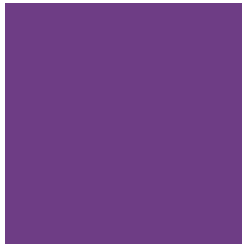


030001



# Previews

## White Background



This preview shows how the Hex color 6E3D85 looks on a white background.

## Color Contrast Check

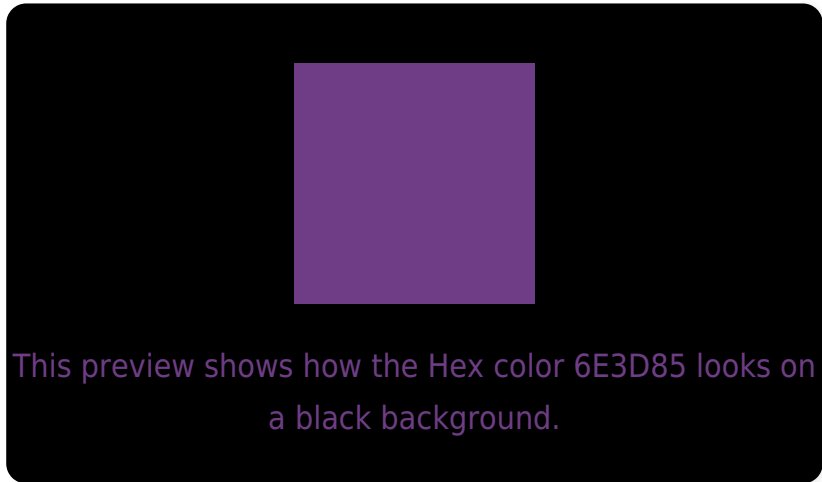
Large Text (above 18pt) WCAG AA ✓ Pass

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

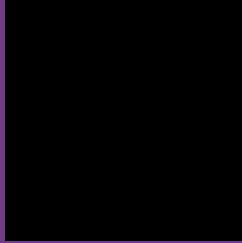
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6E3D85 Background



This preview shows how black text looks on a background with the Hex color 6E3D85.

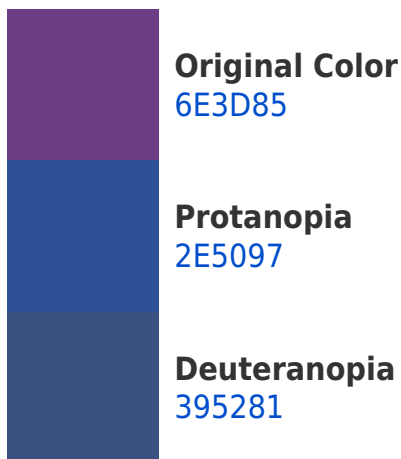


This preview shows how white text looks on a background with the Hex color 6E3D85.

# 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**  
664B50

# Trichromacy



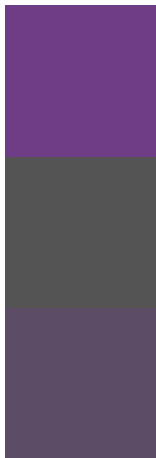
**Original Color**  
6E3D85

**Protanomaly**  
454990

**Deuteranomaly**  
4C4A82

**Tritanomaly**  
694663

# Monochromacy



**Original Color**  
6E3D85

**Achromatopsia**  
545454

**Achromatomaly**  
5D4C66

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E3D85 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 #6E3D85 looks like.

```
.text, #text, p{  
    color:#6E3D85  
}
```

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 #6E3D85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E3D85
}
```

## Border

The CSS property to change the border of an element to Hex 6E3D85 is called "border". The border property can be set on classes, ids or directly on the HTML element.

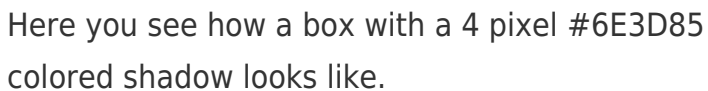
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E3D85 }
```

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

```
.border{ border-color:#6E3D85 }
```

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



Here you see how a box with a 4 pixel #6E3D85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E3D85; -webkit-box-shadow:4px 4px  
4px 4px #6E3D85; box-shadow:4px 4px 4px  
4px #6E3D85 }
```

# Background

The CSS property to change the background color of an element to Hex 6E3D85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E3D85 }
```

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

```
.background{ background-color:#6E3D85 }
```

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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