

Converting Colors

Hex(6E3D91)

Have a look what the booklet for
Hex(6E3D91) contains.

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Color

Hex(6E3D91)

Conversions

Conversions Part 1

Format	Color
Hex	6E3D91
RGB	110, 61, 145
RGB Percent	43%, 24%, 57%
CMY	0.5686, 0.7608, 0.4314
CMYK	0.24, 0.58, 0.00, 0.43
HSL	275°, 41%, 40%
HSV	275°, 58%, 57%
XYZ	13.2100, 8.6968, 27.7705
YIQ	85.2270, 2.2400, 36.5120

Conversions

Conversions Part 2

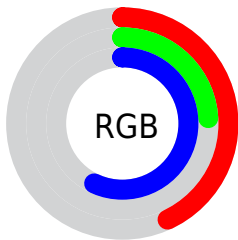
Format	Color
R_{YB}	110, 61, 145
Decimal	7224721
CIE Lab	35.39, 37.47, -38.22
CIE LCh	35, 53.526, 314.429
Yxy	8.6968, 0.2659, 0.1751
Android (android.graphics.Color)	4285414801 (0xFF6E3D91)
YUV	85.2270, 29.4681, 21.7259
Hunter-Lab	29.4904, 28.3496, -35.1889

Details

The Hex color **6E3D91** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **60913D**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **A46FC7**, and **3B0C5E** is the 20% darker color. If you saturate the color by 10%, you get **682F91**, and if you desaturate by 10%, it is **744C91**.

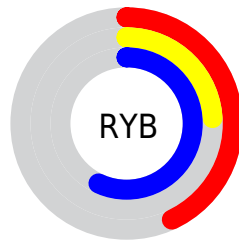
Distribution



Red (43%)

Green (24%)

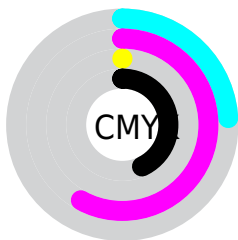
Blue (57%)



Red (43%)

Yellow (24%)

Blue (57%)

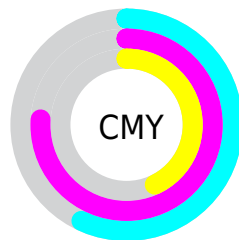


Cyan (24%)

Magenta (58%)

Yellow (0%)

Black (43%)



Cyan (57%)

Magenta (76%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E3D91 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 6E3D91 by changing the saturation by 10% instead.

6E3D91

6E3D91

FFFFFF

542577

A46FC7

3B0C5E

C089E4

220046

DCA3FF

03002F

F9BFFF

000119

FFDBFF

000000

FFF8FF

6E3D91

6E3D91

682F91

744C91

622091

7A5A91

5C1291

806991

560391

867791

550091

8C8691

929491

98A391

9EB191

A4C091

Harmonies

Analogous

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



0052A7



6E3D91



94266B

Triad

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



6E3D91



784900



006667

Complementary

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



6E3D91



60913D

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.



00653B



6E3D91



535800

Square

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



6E3D91



923418



1B600B



00658F

Rectangle

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



6E3D91



9D1F4F



1B600B



006659

Sweetspot

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



6E3D91



AF9DBD



3D6091



564B5E



DEDEDE



5E5E5E

Same Dimension

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



6E3D91



8639BD



913D8A



444047



4F0087



040008

Inverse Universe

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



913D60



BD3970



3D9144



474043



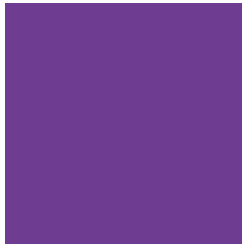
870038



080003

Previews

White Background



This preview shows how the Hex color 6E3D91 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

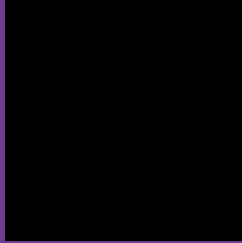
Any Text WCAG AA × Fail

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 6E3D91 Background



This preview shows how black text looks on a background with the Hex color 6E3D91.

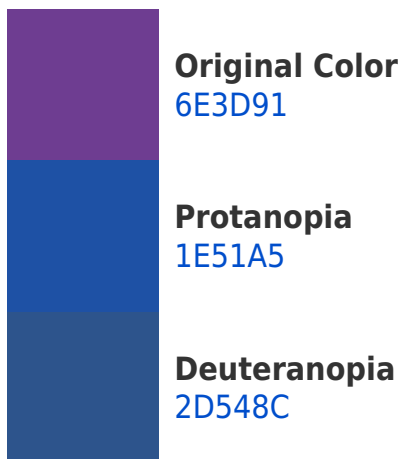



This preview shows how white text looks on a background with the Hex color 6E3D91.

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
644E54

Trichromacy



Original Color
6E3D91

Protanomaly
3B4A9E

Deuteranomaly
454C8E

Tritanomaly
68486A

Monochromacy



Original Color
6E3D91

Achromatopsia
555555

Achromatomaly
5E4C6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 6E3D91 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 #6E3D91 looks like.

```
.text, #text, p{  
    color:#6E3D91  
}
```

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 #6E3D91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E3D91
}
```

Border

The CSS property to change the border of an element to Hex 6E3D91 is called "border". The border property can be set on classes, ids or directly on the HTML element.

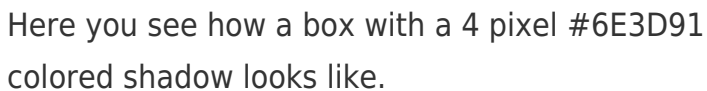
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E3D91 }
```

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

```
.border{ border-color:#6E3D91 }
```

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



Here you see how a box with a 4 pixel #6E3D91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E3D91; -webkit-box-shadow:4px 4px  
4px 4px #6E3D91; box-shadow:4px 4px 4px  
4px #6E3D91 }
```

Background

The CSS property to change the background color of an element to Hex 6E3D91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E3D91 }
```

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

```
.background{ background-color:#6E3D91 }
```

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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