

Converting Colors

Hex(6A3E97)

Have a look what the booklet for
Hex(6A3E97) contains.

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Color

Hex(6A3E97)

Conversions

Conversions Part 1

Format	Color
Hex	6A3E97
RGB	106, 62, 151
RGB Percent	42%, 24%, 59%
CMY	0.5843, 0.7569, 0.4078
CMYK	0.30, 0.59, 0.00, 0.41
HSL	270°, 42%, 42%
HSV	270°, 59%, 59%
XYZ	13.2524, 8.7438, 30.2674
YIQ	85.3020, -2.3450, 37.0070

Conversions

Conversions Part 2

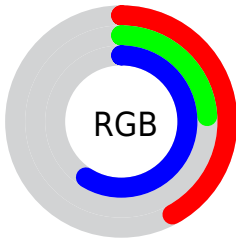
Format	Color
R_{YB}	106, 62, 151
Decimal	6962839
CIE _{Lab}	35.49, 37.35, -41.76
CIE _{LCh}	35, 56.024, 311.809
Yxy	8.7438, 0.2536, 0.1673
Android (android.graphics.Color)	4285152919 (0xFF6A3E97)
YUV	85.3020, 32.3891, 18.1521
Hunter-Lab	29.5699, 28.2514, -39.9896

Details

The Hex color **6A3E97** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **6B973E**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **A070CE**, and **360E63** is the 20% darker color. If you saturate the color by 10%, you get **622F97**, and if you desaturate by 10%, it is **724D97**.

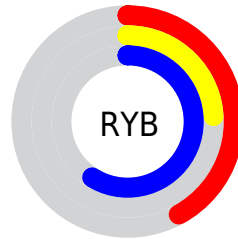
Distribution



Red (42%)

Green (24%)

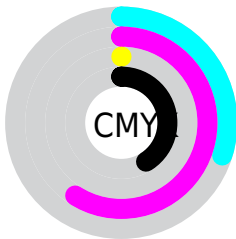
Blue (59%)



Red (42%)

Yellow (24%)

Blue (59%)

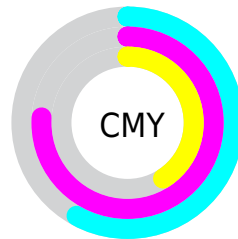


Cyan (30%)

Magenta (59%)

Yellow (0%)

Black (41%)



Cyan (58%)

Magenta (76%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A3E97 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 6A3E97 by changing the saturation by 10% instead.

6A3E97

6A3E97

FFFFFF

50267D

A070CE

360E63

BC89EA

1C004B

D8A4FF

000034

F5C0FF

00021D

FFDCFF

000000

FFF9FF

6A3E97

6A3E97

622F97

724D97

■ 5B2097

■ 795C97

■ 531197

■ 816B97

■ 4B0297

■ 897A97

■ 4B0097

■ 908A97

■ 989997

■ 9FA897

■ A7B797

■ AFC697

Harmonies

Analogous

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



0053AC



6A3E97



942471

Triad

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



6A3E97



7C4700



006765

Complementary

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



6A3E97



6B973E

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.



006536



6A3E97



565700

Square

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



6A3E97



973019



1F6100



00668F

Rectangle

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



6A3E97



A01953



1F6100



006755

Sweetspot

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



6A3E97



B2A1C4



3E6C97



584E63



E3E3E3



636363

Same Dimension

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



6A3E97



7E39C4



963E97



49454D



45008C



06000D

Inverse Universe

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



973E6B



C4397F



3F973E



4D4549



8C0047



0D0006

Previews

White Background



This preview shows how the Hex color 6A3E97 looks on a white background.

Color Contrast Check

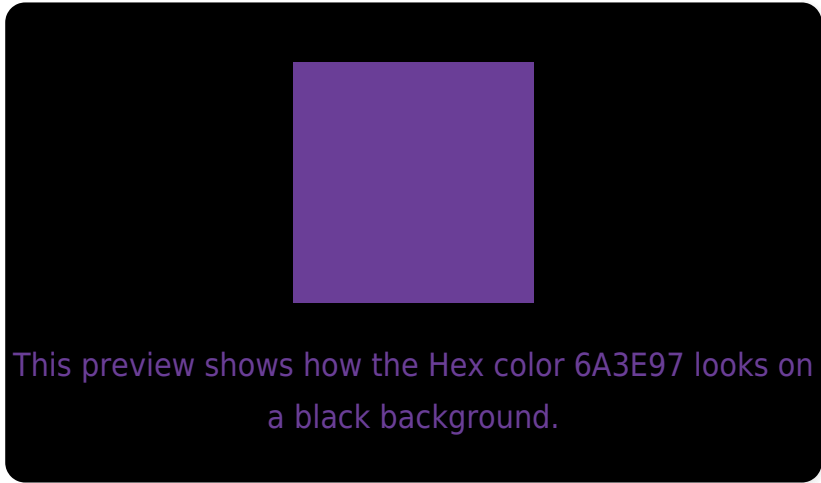
Large Text (above 18pt) WCAG AA ✓ Pass

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

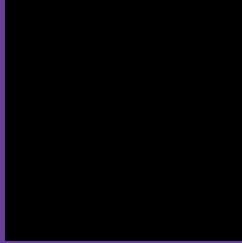
Any Text WCAG AA × Fail

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 6A3E97 Background



This preview shows how black text looks on a background with the Hex color 6A3E97.



This preview shows how white text looks on a background with the Hex color 6A3E97.

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
6A3E97

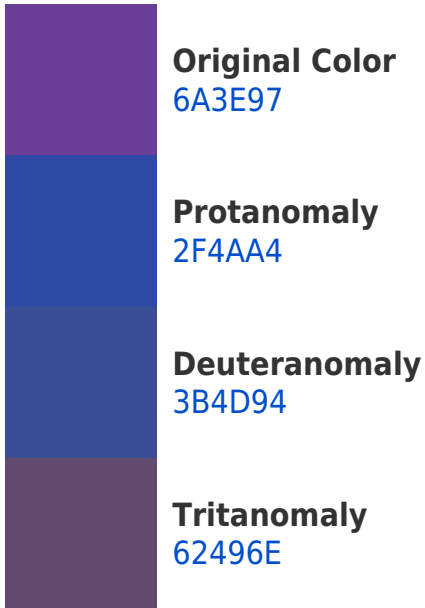
Protanopia
0E51AB

Deuteranopia
205592



Tritanopia
5E5056

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6A3E97 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 #6A3E97 looks like.

```
.text, #text, p{  
    color:#6A3E97  
}
```

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 #6A3E97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A3E97
}
```

Border

The CSS property to change the border of an element to Hex 6A3E97 is called "border". The border property can be set on classes, ids or directly on the HTML element.

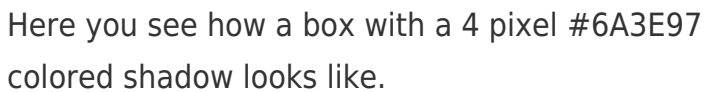
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A3E97 }
```

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

```
.border{ border-color:#6A3E97 }
```

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



Here you see how a box with a 4 pixel #6A3E97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A3E97; -webkit-box-shadow:4px 4px  
4px 4px #6A3E97; box-shadow:4px 4px 4px  
4px #6A3E97 }
```

Background

The CSS property to change the background color of an element to Hex 6A3E97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A3E97 }
```

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

```
.background{ background-color:#6A3E97 }
```

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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