

Converting Colors

Hex(6A37AE)

Have a look what the booklet for
Hex(6A37AE) contains.

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Color

Hex(6A37AE)

Conversions

Conversions Part 1

Format	Color
Hex	6A37AE
RGB	106, 55, 174
RGB Percent	42%, 22%, 68%
CMY	0.5843, 0.7843, 0.3176
CMYK	0.39, 0.68, 0.00, 0.32
HSL	266°, 52%, 45%
HSV	266°, 68%, 68%
XYZ	14.9500, 8.8525, 40.9652
YIQ	83.8150, -7.8030, 47.8210

Conversions

Conversions Part 2

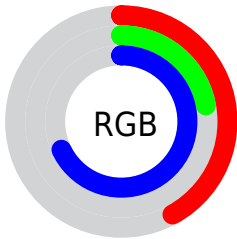
Format	Color
R_{YB}	106, 55, 174
Decimal	6961070
CIE _{Lab}	35.70, 47.06, -55.25
CIE _{LCh}	36, 72.574, 310.426
Yxy	8.8525, 0.2308, 0.1367
Android (android.graphics.Color)	4285151150 (0xFF6A37AE)
YUV	83.8150, 44.4612, 19.4562
Hunter-Lab	29.7532, 37.6223, -60.8051

Details

The Hex color **6A37AE** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **7BAE37**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **A269E6**, and **310078** is the 20% darker color. If you saturate the color by 10%, you get **6026AE**, and if you desaturate by 10%, it is **7448AE**.

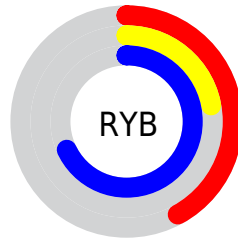
Distribution



Red (42%)

Green (22%)

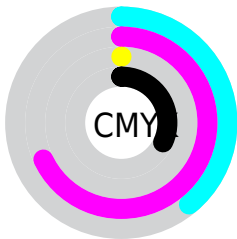
Blue (68%)



Red (42%)

Yellow (22%)

Blue (68%)

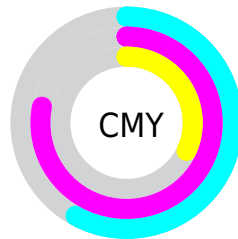


Cyan (39%)

Magenta (68%)

Yellow (0%)

Black (32%)



Cyan (58%)

Magenta (78%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A37AE 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 6A37AE by changing the saturation by 10% instead.

 6A37AE

 6A37AE

FFFFFF

 4E1E93

 A269E6

 310078

 BF84FF

 0F005F

 DC9EFF

 000046

 F9BAFF

 00042F

 FFD6FF

 000119

 FFF3FF

 000000

 6A37AE

 6A37AE

 6026AE

 7448AE

■ 5614AE

■ 7E5AAE

■ 4C03AE

■ 886BAE

■ 4B00AE

■ 927DAE

■ 9C8EAE

■ A69FAE

■ B0B1AE

■ BAC2AE

■ C3D4AE

Harmonies

Analogous

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



0056C9



6A37AE



A4007C

Triad

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



6A37AE



854200



006B68

Complementary

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



6A37AE



7BAE37

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.



00692A



6A37AE



555800

Square

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



6A37AE



A71606



006400



006B9F

Rectangle

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



6A37AE



B30056



006400



006A53

Sweetspot

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



6A37AE



C8B3E3



377CAE



625673



F2F2F2



737373

Same Dimension

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



6A37AE



7929E3



A437AE



524E57



400096



0A0017

Inverse Universe

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



AE377B



E32993



41AE37



574E53



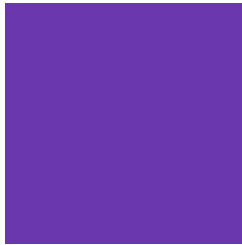
960056



17000D

Previews

White Background



This preview shows how the Hex color 6A37AE 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 6A37AE Background



This preview shows how black text looks on a background with the Hex color 6A37AE.

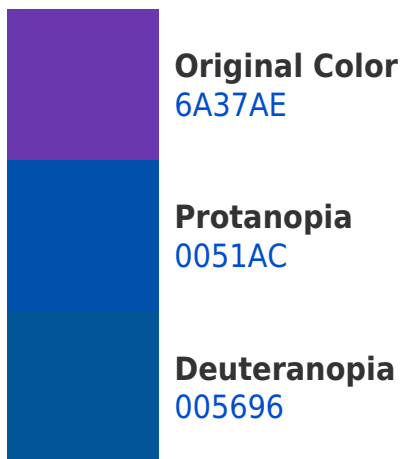


This preview shows how white text looks on a background with the Hex color 6A37AE.

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](#).

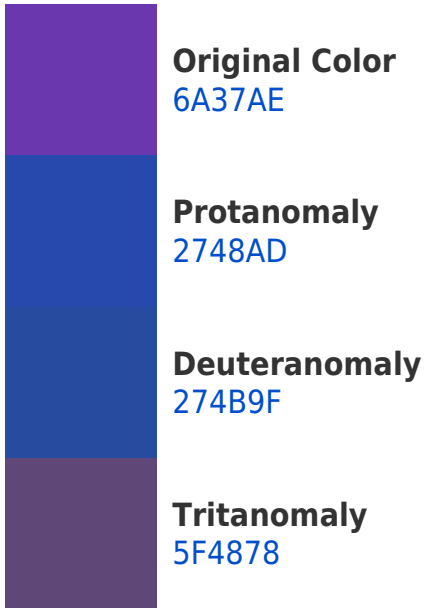
Dichromacy



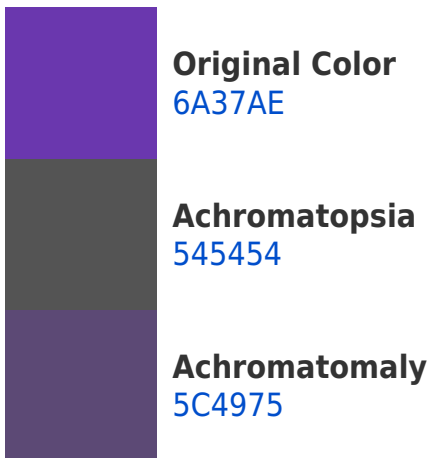


Tritanopia
585259

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6A37AE 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 #6A37AE looks like.

```
.text, #text, p{  
    color:#6A37AE  
}
```

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 #6A37AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A37AE
}
```

Border

The CSS property to change the border of an element to Hex 6A37AE is called "border". The border property can be set on classes, ids or directly on the HTML element.

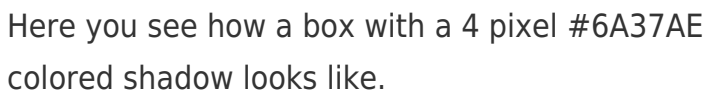
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A37AE }
```

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

```
.border{ border-color:#6A37AE }
```

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



Here you see how a box with a 4 pixel #6A37AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A37AE; -webkit-box-shadow:4px 4px  
4px 4px #6A37AE; box-shadow:4px 4px 4px  
4px #6A37AE }
```

Background

The CSS property to change the background color of an element to Hex 6A37AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A37AE }
```

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

```
.background{ background-color:#6A37AE }
```

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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