

Converting Colors

Hex(6A33BC)

Have a look what the booklet for
Hex(6A33BC) contains.

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Color

Hex(6A33BC)

Conversions

Conversions Part 1

Format	Color
Hex	6A33BC
RGB	106, 51, 188
RGB Percent	42%, 20%, 74%
CMY	0.5843, 0.8000, 0.2627
CMYK	0.44, 0.73, 0.00, 0.26
HSL	264°, 57%, 47%
HSV	264°, 73%, 74%
XYZ	16.2048, 9.0627, 48.4721
YIQ	83.0630, -11.1970, 54.2670

Conversions

Conversions Part 2

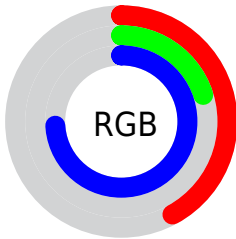
Format	Color
R _{YB}	106, 51, 188
Decimal	6960060
CIE _{Lab}	36.10, 52.66, -62.88
CIE _{LCh}	36, 82.016, 309.947
Yxy	9.0627, 0.2198, 0.1229
Android (android.graphics.Color)	4285150140 (0xFF6A33BC)
YUV	83.0630, 51.7339, 20.1157
Hunter-Lab	30.1043, 43.4021, -74.3923

Details

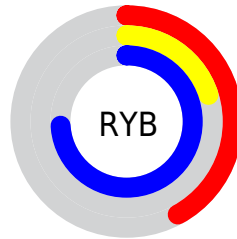
The Hex color **6A33BC** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **85BC33**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **A366F5**, and **2E0085** is the 20% darker color. If you saturate the color by 10%, you get **5F20BC**, and if you desaturate by 10%, it is **7546BC**.

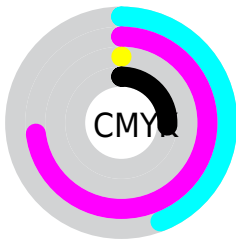
Distribution



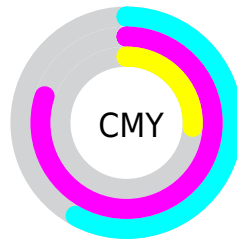
- Red (42%)
- Green (20%)
- Blue (74%)



- Red (42%)
- Yellow (20%)
- Blue (74%)



- Cyan (44%)
- Magenta (73%)
- Yellow (0%)
- Black (26%)



- Cyan (58%)
- Magenta (80%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A33BC 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 6A33BC by changing the saturation by 10% instead.

 6A33BC

 6A33BC

FFFFFF

 4D18A0

 A366F5

 2E0085

 C181FF

 00006B

 DE9CFF

 000052

 FCB7FF

 00053A

 FFD3FF

 000223

 FFF0FF

 00000B

 000000

 6A33BC

 6A33BC

■ 5F20BC

■ 7546BC

■ 530DBC

■ 8159BC

■ 4B00BC

■ 8C6BBC

■ 977EBC

■ A291BC

■ AEA4BC

■ B9B7BC

■ C4C9BC

■ CFDCBC

Harmonies

Analogous

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



0058DA



6A33BC



AE0084

Triad

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



6A33BC



8B4000



006E6A

Complementary

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



6A33BC



85BC33

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.



006B23



6A33BC



555A00

Square

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



6A33BC



B20000



006600



006EAA

Rectangle

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



6A33BC



BF0058



006600



006D53

Sweetspot

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



6A33BC



D5BFF5



3385BC



675B7A



FAFAFA



7A7A7A

Same Dimension

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



6A33BC



7520F5



AE33BC



59555E



3F009E



0C001F

Inverse Universe

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



BC3385



F5209F



41BC33



5E555B



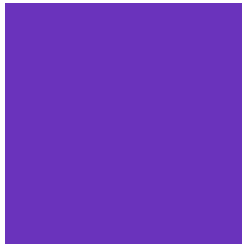
9E005F



1F0012

Previews

White Background



This preview shows how the Hex color 6A33BC 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

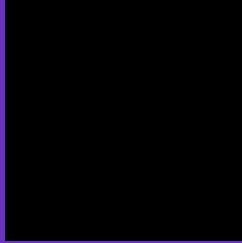
Any Text WCAG AA × Fail

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 6A33BC Background



This preview shows how black text looks on a background with the Hex color 6A33BC.

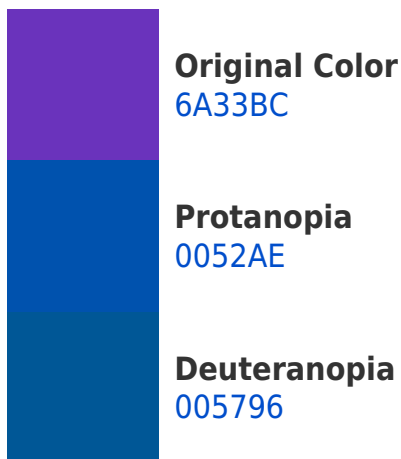


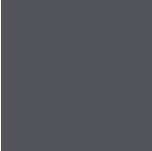
This preview shows how white text looks on a background with the Hex color 6A33BC.

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](#).

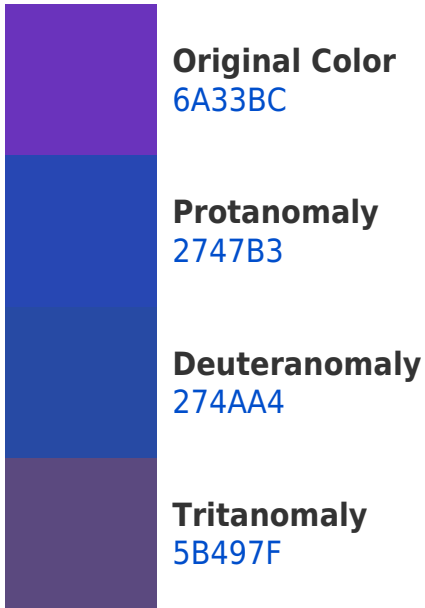
Dichromacy



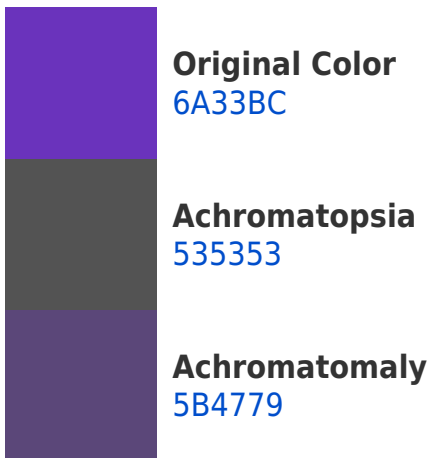


Tritanopia
53555C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6A33BC 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 #6A33BC looks like.

```
.text, #text, p{  
    color:#6A33BC  
}
```

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 #6A33BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A33BC
}
```

Border

The CSS property to change the border of an element to Hex 6A33BC is called "border". The border property can be set on classes, ids or directly on the HTML element.

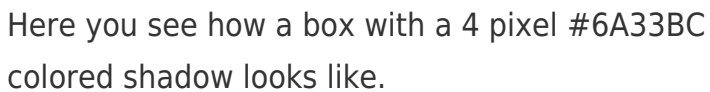
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A33BC }
```

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

```
.border{ border-color:#6A33BC }
```

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



Here you see how a box with a 4 pixel #6A33BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A33BC; -webkit-box-shadow:4px 4px  
4px 4px #6A33BC; box-shadow:4px 4px 4px  
4px #6A33BC }
```

Background

The CSS property to change the background color of an element to Hex 6A33BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A33BC }
```

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

```
.background{ background-color:#6A33BC }
```

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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