

Converting Colors

Hex(6D36A2)

Have a look what the booklet for
Hex(6D36A2) contains.

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Color

Hex(6D36A2)

Conversions

Conversions Part 1

Format	Color
Hex	6D36A2
RGB	109, 54, 162
RGB Percent	43%, 21%, 64%
CMY	0.5725, 0.7882, 0.3647
CMYK	0.33, 0.67, 0.00, 0.36
HSL	271°, 50%, 42%
HSV	271°, 67%, 64%
XYZ	14.1474, 8.4982, 35.0771
YIQ	82.7570, -1.8880, 45.2480

Conversions

Conversions Part 2

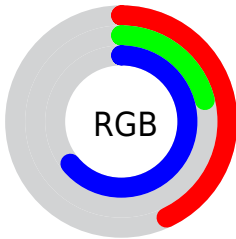
Format	Color
R _Y B	109, 54, 162
Decimal	7157410
CIE Lab	35.00, 45.16, -49.17
CIE LCh	35, 66.762, 312.561
Yxy	8.4982, 0.2451, 0.1472
Android (android.graphics.Color)	4285347490 (0xFF6D36A2)
YUV	82.7570, 39.0668, 23.0151
Hunter-Lab	29.1516, 35.6115, -50.9353

Details

The Hex color **6D36A2** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **6BA236**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **A468DA**, and **37006D** is the 20% darker color. If you saturate the color by 10%, you get **6526A2**, and if you desaturate by 10%, it is **7546A2**.

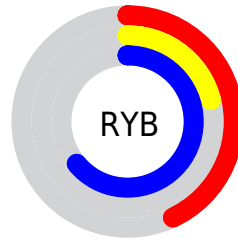
Distribution



Red (43%)

Green (21%)

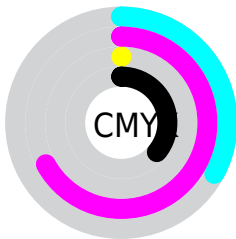
Blue (64%)



Red (43%)

Yellow (21%)

Blue (64%)

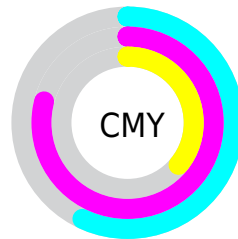


Cyan (33%)

Magenta (67%)

Yellow (0%)

Black (36%)



Cyan (57%)

Magenta (79%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D36A2 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 6D36A2 by changing the saturation by 10% instead.

6D36A2

6D36A2

FFFFFF

521D87

A468DA

37006D

C082F6

1B0054

DD9DFF

00003C

FBB9FF

000226

FFD5FF

00010E

FFF2FF

000000

6D36A2

6D36A2

6526A2

7546A2

■ 5D16A2

■ 7D56A2

■ 5505A2

■ 8567A2

■ 5300A2

■ 8D77A2

■ 9587A2

■ 9D97A2

■ A5A7A2

■ ADB8A2

■ B5C8A2

Harmonies

Analogous

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



0052BC



6D36A2



9F0074

Triad

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



6D36A2



7E4400



006868

Complementary

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



6D36A2



6BA236

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.



006630



6D36A2



515700

Square

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



6D36A2



9E2307



006100



00679A

Rectangle

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



6D36A2



AB0050



006100



006856

Sweetspot

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



6D36A2



BFA9D4



366CA2



5E516B



EBEBEB



6B6B6B

Same Dimension

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



6D36A2



812AD4



A236A2



4E4952



4A0091



090012

Inverse Universe

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



A2366B



D42A7D



36A236



52494D



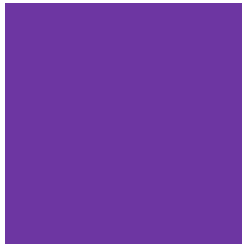
910047



120009

Previews

White Background



This preview shows how the Hex color 6D36A2 looks on a white background.

Color Contrast Check

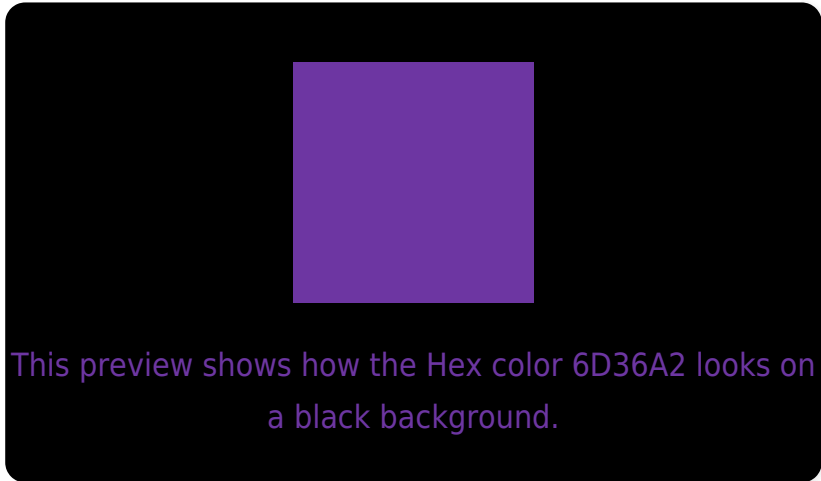
Large Text (above 18pt) WCAG AA ✓ Pass

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

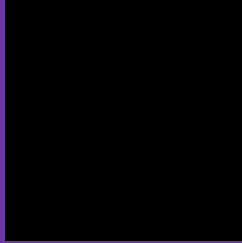
Any Text WCAG AA × Fail

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 6D36A2 Background



This preview shows how black text looks on a background with the Hex color 6D36A2.

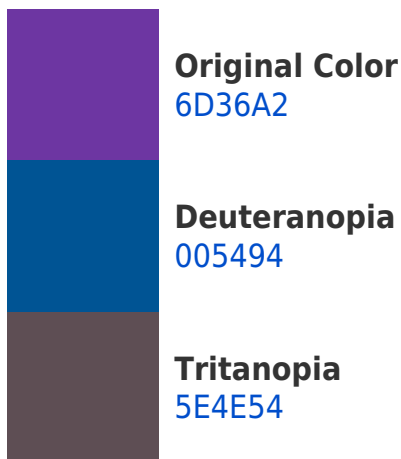


This preview shows how white text looks on a background with the Hex color 6D36A2.

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



Trichromacy



Original Color
6D36A2

Deuteranomaly
284999

Tritanomaly
634570

Monochromacy



Original Color
6D36A2

Achromatopsia
535353

Achromatomaly
5C4870

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D36A2 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 #6D36A2 looks like.

```
.text, #text, p{  
    color:#6D36A2  
}
```

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 #6D36A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D36A2
}
```

Border

The CSS property to change the border of an element to Hex 6D36A2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

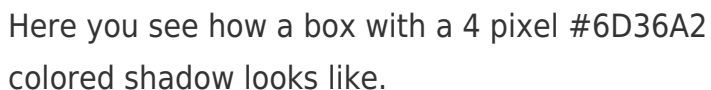
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D36A2 }
```

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

```
.border{ border-color:#6D36A2 }
```

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



Here you see how a box with a 4 pixel #6D36A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D36A2; -webkit-box-shadow:4px 4px  
4px 4px #6D36A2; box-shadow:4px 4px 4px  
4px #6D36A2 }
```

Background

The CSS property to change the background color of an element to Hex 6D36A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D36A2 }
```

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

```
.background{ background-color:#6D36A2 }
```

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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