

Converting Colors

Hex(4213A6)

Have a look what the booklet for
Hex(4213A6) contains.

Hex(4213A6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4213A6)

Conversions

Conversions Part 1

Format	Color
Hex	4213A6
RGB	66, 19, 166
RGB Percent	26%, 7%, 65%
CMY	0.7412, 0.9255, 0.3490
CMYK	0.60, 0.89, 0.00, 0.35
HSL	259°, 79%, 36%
HSV	259°, 89%, 65%
XYZ	9.3626, 4.3772, 36.4278
YIQ	49.8110, -19.1750, 55.6810

Conversions

Conversions Part 2

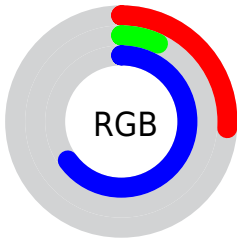
Format	Color
R _Y B	66, 19, 166
Decimal	4330406
CIE Lab	24.88, 54.71, -68.36
CIE LCh	25, 87.552, 308.670
Yxy	4.3772, 0.1866, 0.0873
Android (android.graphics.Color)	4282520486 (0xFF4213A6)
YUV	49.8110, 57.2812, 14.1978
Hunter-Lab	20.9217, 43.2668, -88.5876

Details

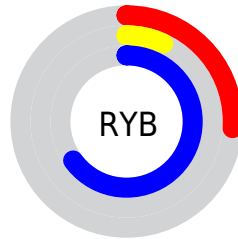
The Hex color **4213A6** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **77A613**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **7E48DE**, and **000071** is the 20% darker color. If you saturate the color by 10%, you get **3702A6**, and if you desaturate by 10%, it is **4D24A6**.

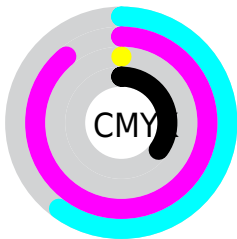
Distribution



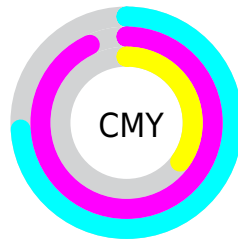
- Red (26%)
- Green (7%)
- Blue (65%)



- Red (26%)
- Yellow (7%)
- Blue (65%)



- Cyan (60%)
- Magenta (89%)
- Yellow (0%)
- Black (35%)



- Cyan (74%)
- Magenta (93%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4213A6 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 4213A6 by changing the saturation by 10% instead.

■ 4213A6

■ 4213A6

FFFFFF

■ 1D008B

■ 7E48DE

■ 000071

■ 9C62FB

■ 000057

■ B97CFF

■ 00063F

■ D797FF

■ 000328

■ F5B3FF

■ 000111

■ FFCFFF

■ 000000

■ FFECFF

■ 4213A6

■ 4213A6

■ 3702A6

■ 4D24A6

■ 3500A6

■ 5934A6

■ 6445A6

■ 6F55A6

■ 7A66A6

■ 8677A6

■ 9187A6

■ 9C98A6

■ A8A8A6

Harmonies

Analogous

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



0042C4



4213A6



91006D

Triad

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



4213A6



6E2200



00504E

Complementary

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



4213A6



77A613

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.



004E00



4213A6



383F00

Square

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



4213A6



930000



004A00



00528F

Rectangle

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



4213A6



A20042



004A00



005036

Sweetspot

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



4213A6



B19ED9



1377A6



564B6E



EDEDED



6E6E6E

Same Dimension

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



4213A6



4500D9



8B13A6



4E4C54



2F0094



070014

Inverse Universe

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



A61377



D90093



2EA613



544C51



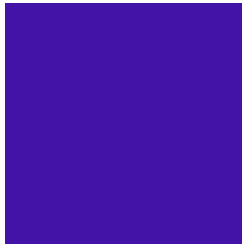
940065



14000E

Previews

White Background



This preview shows how the Hex color 4213A6 looks on a white background.

Color Contrast Check

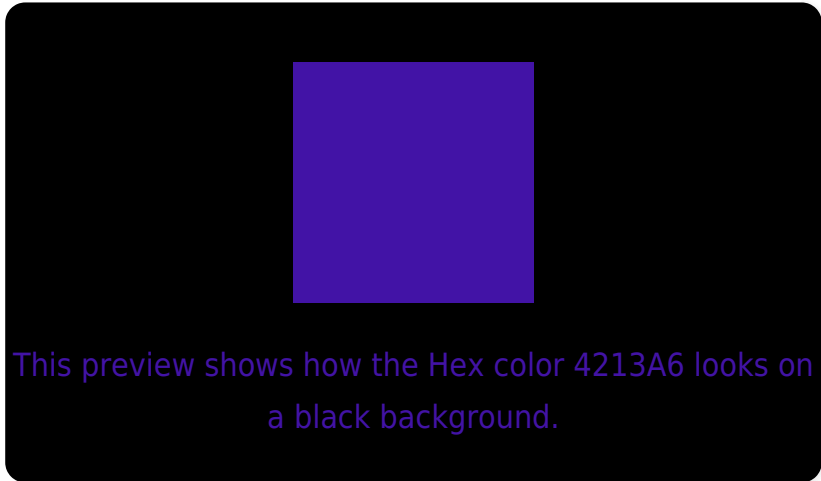
Large Text (above 18pt) WCAG AA ✓ Pass

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 4213A6 Background



This preview shows how black text looks on a background with the Hex color 4213A6.



This preview shows how white text looks on a background with the Hex color 4213A6.

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](#).

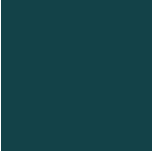
Dichromacy



Original Color
4213A6

Protanopia
003A7A

Deuteranopia
003E68



Tritanopia
134248

Trichromacy



Original Color
4213A6

Protanomaly
182C8A

Deuteranomaly
182E7F

Tritanomaly
24316A

Monochromacy



Original Color
4213A6

Achromatopsia
323232

Achromatomaly
38275C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4213A6 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 #4213A6 looks like.

```
.text, #text, p{  
    color:#4213A6  
}
```

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 #4213A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4213A6
}
```

Border

The CSS property to change the border of an element to Hex 4213A6 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".

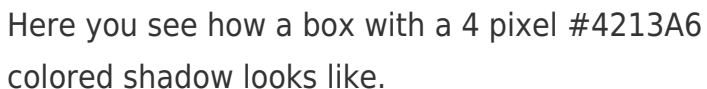
```
.border, #border, table{ border:4px solid
#4213A6 }
```

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

```
.border{ border-color:#4213A6 }
```

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

Here you see how a box with a 4 pixel #4213A6 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4213A6; -webkit-box-shadow:4px 4px  
4px 4px #4213A6; box-shadow:4px 4px 4px  
4px #4213A6 }
```

Background

The CSS property to change the background color of an element to Hex 4213A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4213A6 }
```

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

```
.background{ background-color:#4213A6 }
```

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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