

Converting Colors

Hex(4022B6)

Have a look what the booklet for
Hex(4022B6) contains.

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Color

Hex(4022B6)

Conversions

Conversions Part 1

Format	Color
Hex	4022B6
RGB	64, 34, 182
RGB Percent	25%, 13%, 71%
CMY	0.7490, 0.8667, 0.2863
CMYK	0.65, 0.81, 0.00, 0.29
HSL	252°, 69%, 42%
HSV	252°, 81%, 71%
XYZ	11.1299, 5.6114, 44.7525
YIQ	59.8420, -29.6280, 52.3880

Conversions

Conversions Part 2

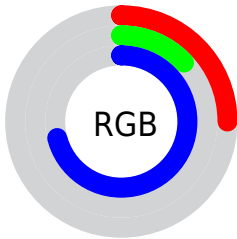
Format	Color
R _Y B	64, 34, 182
Decimal	4203190
CIE Lab	28.41, 53.19, -72.13
CIE LCh	28, 89.625, 306.407
Yxy	5.6114, 0.1810, 0.0913
Android (android.graphics.Color)	4282393270 (0xFF4022B6)
YUV	59.8420, 60.2239, 3.6466
Hunter-Lab	23.6885, 42.4122, -95.4292

Details

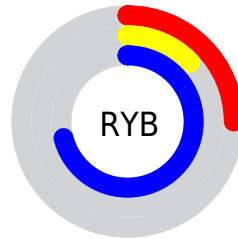
The Hex color **4022B6** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **98B622**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **7F54EF**, and **000080** is the 20% darker color. If you saturate the color by 10%, you get **3110B6**, and if you desaturate by 10%, it is **4F34B6**.

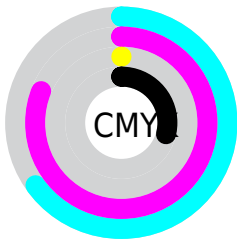
Distribution



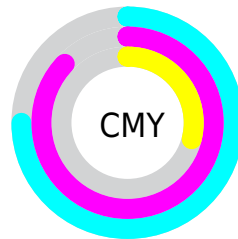
- Red (25%)
- Green (13%)
- Blue (71%)



- Red (25%)
- Yellow (13%)
- Blue (71%)



- Cyan (65%)
- Magenta (81%)
- Yellow (0%)
- Black (29%)



- Cyan (75%)
- Magenta (87%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4022B6 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 4022B6 by changing the saturation by 10% instead.

■ 4022B6

■ 4022B6

FFFFFF

■ 15059A

■ 7F54EF

■ 000080

■ 9D6EFF

■ 000066

■ BB88FF

■ 00074C

■ D9A3FF

■ 000535

■ F7BFFF

■ 00021E

■ FFDBFF

■ 000001

■ FFF8FF

■ 000000

■ 4022B6

■ 4022B6

■ 3110B6

■ 4F34B6

■ 2500B6

■ 5D46B6

■ 6C59B6

■ 7A6BB6

■ 897DB6

■ 978FB6

■ A6A1B6

■ B4B4B6

■ C3C6B6

Harmonies

Analogous

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



004BD2



4022B6



9A007C

Triad

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



4022B6



7C2500



005951

Complementary

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



4022B6



98B622

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.



005700



4022B6



464600

Square

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



4022B6



A30000



005300



005B96

Rectangle

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



4022B6



AE004F



005300



005939

Sweetspot

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



4022B6



C0B4ED



2298B6



5C5578



F7F7F7



787878

Same Dimension

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



4022B6



3405ED



8A22B6



54535C



20009C



06001C

Inverse Universe

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



B62298



ED05BE



4EB622



5C535A



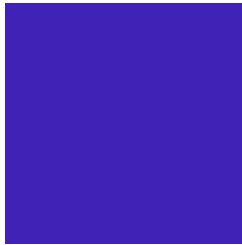
9C007C



1C0016

Previews

White Background



This preview shows how the Hex color 4022B6 looks on a white background.

Color Contrast Check

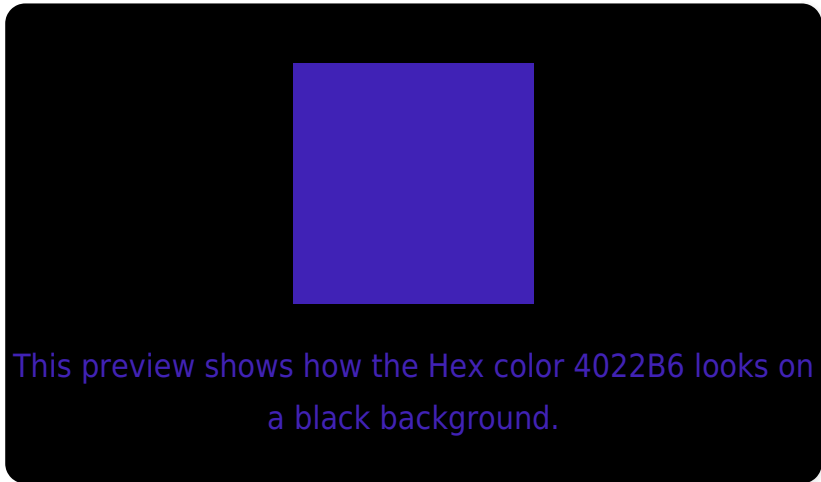
Large Text (above 18pt) WCAG AA ✓ Pass

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

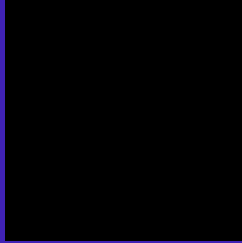
Any Text WCAG AA × Fail

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 4022B6 Background



This preview shows how black text looks on a background with the Hex color 4022B6.

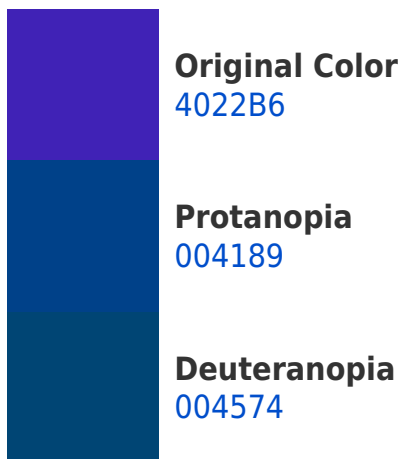


This preview shows how white text looks on a background with the Hex color 4022B6.

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
004B50

Trichromacy



Original Color
4022B6

Protanomaly
173699

Deuteranomaly
17388C

Tritanomaly
173C75

Monochromacy



Original Color
4022B6

Achromatopsia
3C3C3C

Achromatomaly
3D3368

CSS Examples

Text

The CSS property to change the color of the text to Hex 4022B6 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 #4022B6 looks like.

```
.text, #text, p{  
    color:#4022B6  
}
```

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 #4022B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4022B6
}
```

Border

The CSS property to change the border of an element to Hex 4022B6 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".

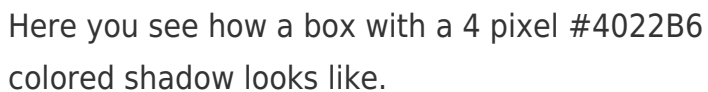
```
.border, #border, table{ border:4px solid
#4022B6 }
```

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

```
.border{ border-color:#4022B6 }
```

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

Here you see how a box with a 4 pixel #4022B6 colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4022B6; -webkit-box-shadow:4px 4px  
4px 4px #4022B6; box-shadow:4px 4px 4px  
4px #4022B6 }
```

Background

The CSS property to change the background color of an element to Hex 4022B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4022B6 }
```

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

```
.background{ background-color:#4022B6 }
```

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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