

# Converting Colors

Hex(4025A6)

Have a look what the booklet for  
Hex(4025A6) contains.

<b>Hex(4025A6)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(4025A6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4025A6
RGB	64, 37, 166
RGB Percent	25%, 15%, 65%
CMY	0.7490, 0.8549, 0.3490
CMYK	0.61, 0.78, 0.00, 0.35
HSL	253°, 64%, 40%
HSV	253°, 78%, 65%
XYZ	9.6589, 5.1663, 36.5645
YIQ	59.7790, -25.3170, 45.8430

# Conversions

## Conversions Part 2

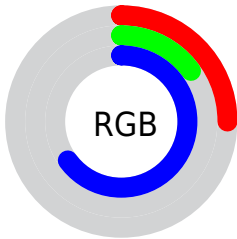
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	64, 37, 166
Decimal	4203942
CIE Lab	27.20, 47.11, -64.53
CIE LCh	27, 79.892, 306.130
Yxy	5.1663, 0.1880, 0.1005
Android (android.graphics.Color)	4282394022 (0xFF4025A6)
YUV	59.7790, 52.3670, 3.7018
Hunter-Lab	22.7295, 36.0766, -79.4681

# Details

The Hex color **4025A6** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **8BA625**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **7C56DE**, and **000071** is the 20% darker color. If you saturate the color by 10%, you get **3314A6**, and if you desaturate by 10%, it is **4D36A6**.

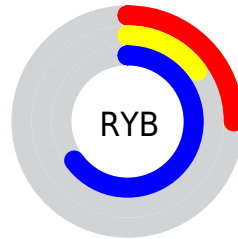
# Distribution



Red (25%)

Green (15%)

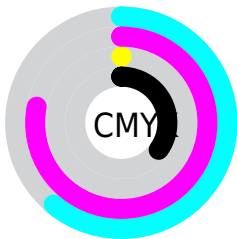
Blue (65%)



Red (25%)

Yellow (15%)

Blue (65%)

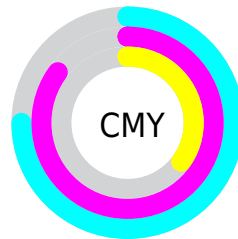


Cyan (61%)

Magenta (78%)

Yellow (0%)

Black (35%)



Cyan (75%)

Magenta (85%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4025A6 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 4025A6 by changing the saturation by 10% instead.



■ 4025A6

■ 4025A6

FFFFFF

■ 1B0B8B

■ 7C56DE

■ 000071

■ 996FFB

■ 000057

■ B689FF

■ 00063F

■ D4A4FF

■ 000328

■ F2C0FF

■ 000112

■ FFDCFF

■ 000000

■ FFF9FF

■ 4025A6

■ 4025A6

■ 3314A6

■ 4D36A6

■ 2604A6

■ 5A46A6

■ 2300A6

■ 6757A6

■ 7567A6

■ 8278A6

■ 8F89A6

■ 9C99A6

■ A9AAA6

■ B6BAA6

# Harmonies

## Analogous

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



0047BE



4025A6



8D0073

# Triad

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



4025A6



752700



00554C

# Complementary

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



4025A6



8BA625

# 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.



005303



4025A6



454300

# Square

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



4025A6



970000



004E00



005689

# Rectangle

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



4025A6



A0004B



004E00



005536



# Sweetspot

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



4025A6



B1A7D9



258CA6



554F6E



EDEDED



6E6E6E



# Same Dimension

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



4025A6



390FD9



7F25A6



4D4C54



1F0094



040014



# Inverse Universe

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



A6258B



D90FAF



4CA625



544C52



940075

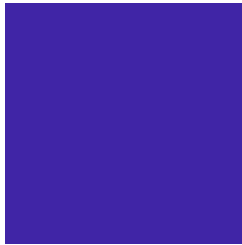


140010



# Previews

## White Background



This preview shows how the Hex color 4025A6 looks on a white background.

## Color Contrast Check

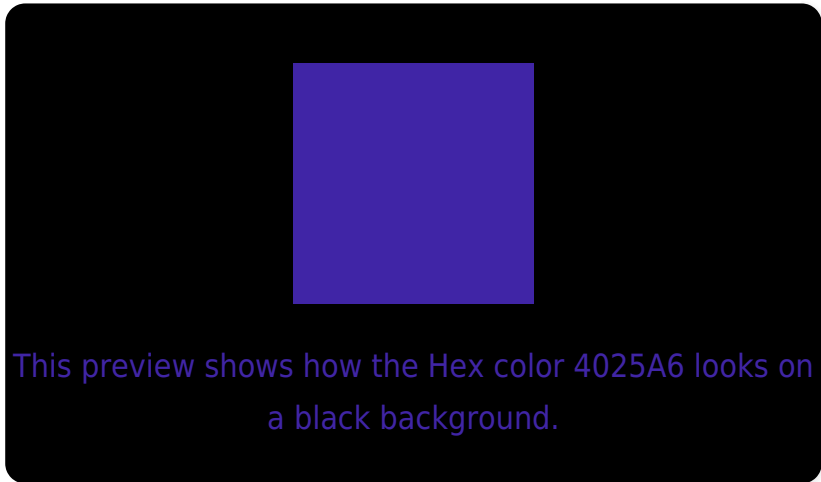
Large Text (above 18pt) WCAG AA ✓ Pass

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

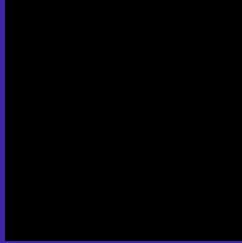
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4025A6 Background



This preview shows how black text looks on a background with the Hex color 4025A6.

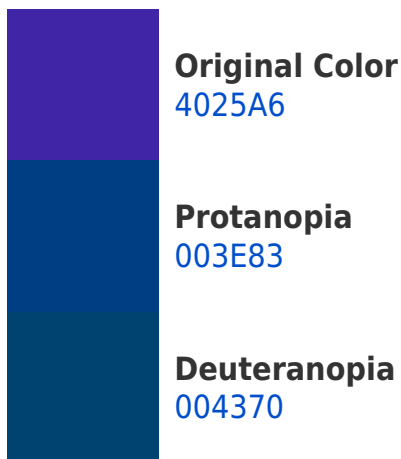



This preview shows how white text looks on a background with the Hex color 4025A6.

# 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**  
0E474D

# Trichromacy



**Original Color**  
4025A6

**Protanomaly**  
173590

**Deuteranomaly**  
173884

**Tritanomaly**  
203B6D

# Monochromacy



**Original Color**  
4025A6

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
3D3463

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4025A6 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 #4025A6 looks like.

```
.text, #text, p{  
    color:#4025A6  
}
```

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 #4025A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4025A6
}
```

## Border

The CSS property to change the border of an element to Hex 4025A6 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
#4025A6 }
```

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

```
.border{ border-color:#4025A6 }
```

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

Here you see how a box with a 4 pixel #4025A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4025A6; -webkit-box-shadow:4px 4px  
4px 4px #4025A6; box-shadow:4px 4px 4px  
4px #4025A6 }
```

# Background

The CSS property to change the background color of an element to Hex 4025A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4025A6 }
```

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

```
.background{ background-color:#4025A6 }
```

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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