

Converting Colors

Hex(4033A4)

Have a look what the booklet for
Hex(4033A4) contains.

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Color

Hex(4033A4)

Conversions

Conversions Part 1

Format	Color
Hex	4033A4
RGB	64, 51, 164
RGB Percent	25%, 20%, 64%
CMY	0.7490, 0.8000, 0.3569
CMYK	0.61, 0.69, 0.00, 0.36
HSL	247°, 53%, 42%
HSV	247°, 69%, 64%
XYZ	9.9990, 6.1380, 35.7797
YIQ	67.7690, -28.5250, 37.8990

Conversions

Conversions Part 2

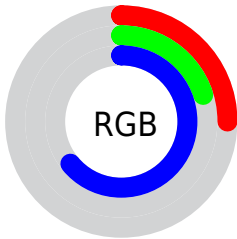
Format	Color
R _{YB}	64, 51, 164
Decimal	4207524
CIE Lab	29.76, 38.80, -59.12
CIE LCh	30, 70.717, 303.278
Yxy	6.1380, 0.1926, 0.1182
Android (android.graphics.Color)	4282397604 (0xFF4033A4)
YUV	67.7690, 47.4419, -3.3054
Hunter-Lab	24.7749, 28.6854, -68.2835

Details

The Hex color **4033A4** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **97A433**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **7A63DC**, and **00076F** is the 20% darker color. If you saturate the color by 10%, you get **3123A4**, and if you desaturate by 10%, it is **4F43A4**.

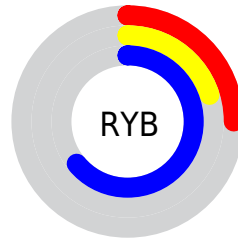
Distribution



Red (25%)

Green (20%)

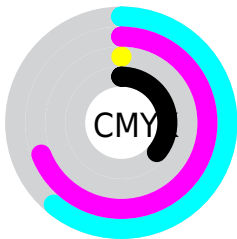
Blue (64%)



Red (25%)

Yellow (20%)

Blue (64%)

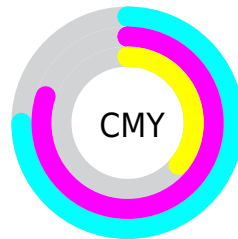


Cyan (61%)

Magenta (69%)

Yellow (0%)

Black (36%)



Cyan (75%)

Magenta (80%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4033A4 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 4033A4 by changing the saturation by 10% instead.

■ 4033A4

■ 4033A4

FFFFFF

■ 1D1D89

■ 7A63DC

■ 00076F

■ 977CF9

■ 000056

■ B496FF

■ 00063D

■ D1B1FF

■ 000327

■ EFCDFE

■ 000110

■ FFE9FF

■ 000000

■ 4033A4

■ 4033A4

■ 3123A4

■ 4F43A4

■ 2312A4

■ 5D54A4

■ 1402A4

■ 6C64A4

■ 1300A4

■ 7A75A4

■ 8985A4

■ 9795A4

■ A6A6A4

■ B4B6A4

■ C3C7A4

Harmonies

Analogous

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



004DB7



4033A4



890079

Triad

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



4033A4



7C2D00



005A4B

Complementary

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



4033A4



97A433

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.



00580C



4033A4



514600

Square

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



4033A4



99000D



0C5300



005B82

Rectangle

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



4033A4



9C0055



0C5300



005A38

Sweetspot

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



4033A4



AEA9D6



3399A4



53506B



EBEBEB



6B6B6B

Same Dimension

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



4033A4



3924D6



7733A4



4A4952



110091



020012

Inverse Universe

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



A43397



D624C2



60A433



524951



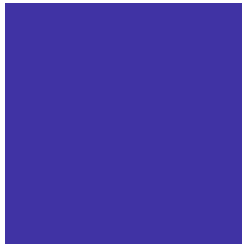
910081



120010

Previews

White Background



This preview shows how the Hex color 4033A4 looks on a white background.

Color Contrast Check

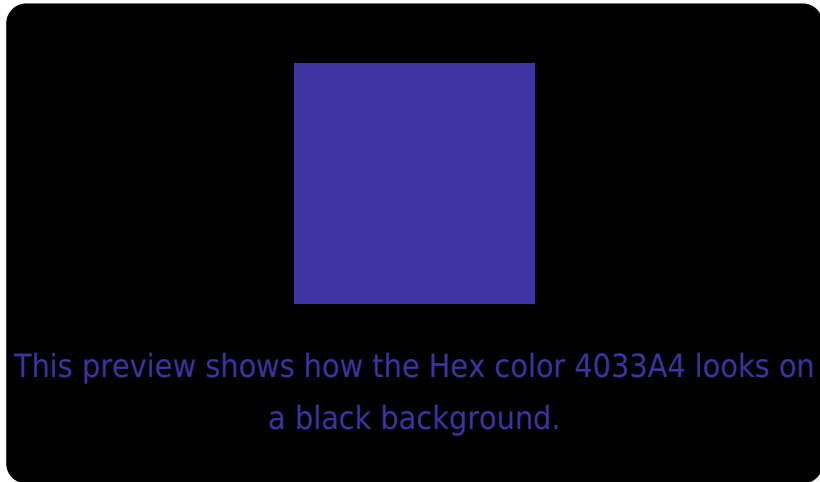
Large Text (above 18pt) WCAG AA ✓ Pass

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

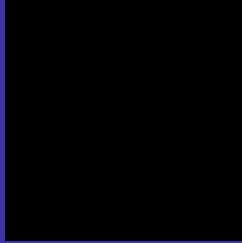
Any Text WCAG AA × Fail

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 4033A4 Background



This preview shows how black text looks on a background with the Hex color 4033A4.

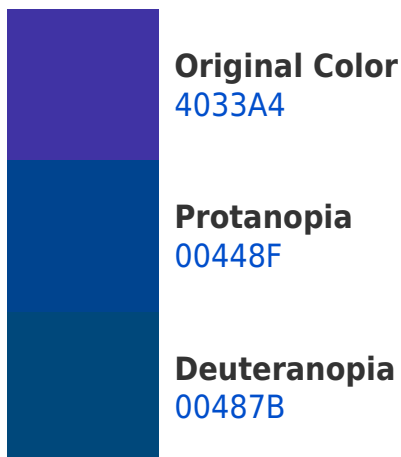


This preview shows how white text looks on a background with the Hex color 4033A4.

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
174D53

Trichromacy



Original Color
4033A4

Protanomaly
173E97

Deuteranomaly
17408A

Tritanomaly
264470

Monochromacy



Original Color
4033A4

Achromatopsia
444444

Achromatomaly
433E67

CSS Examples

Text

The CSS property to change the color of the text to Hex 4033A4 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 #4033A4 looks like.

```
.text, #text, p{  
    color:#4033A4  
}
```

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 #4033A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4033A4
}
```

Border

The CSS property to change the border of an element to Hex 4033A4 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".

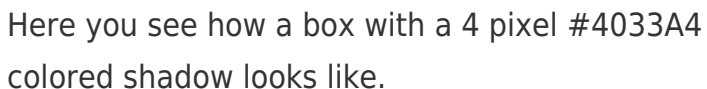
```
.border, #border, table{ border:4px solid
#4033A4 }
```

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

```
.border{ border-color:#4033A4 }
```

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

Here you see how a box with a 4 pixel #4033A4 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, 4px blur, 4px spread, #4033A4 color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4033A4; -webkit-box-shadow:4px 4px  
4px 4px #4033A4; box-shadow:4px 4px 4px  
4px #4033A4 }
```

Background

The CSS property to change the background color of an element to Hex 4033A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4033A4 }
```

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

```
.background{ background-color:#4033A4 }
```

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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