

Converting Colors

Hex(0034A2)

Have a look what the booklet for
Hex(0034A2) contains.

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Color

Hex(0034A2)

Conversions

Conversions Part 1

Format	Color
Hex	0034A2
RGB	0, 52, 162
RGB Percent	0%, 20%, 64%
CMY	1.0000, 0.7961, 0.3647
CMYK	1.00, 0.68, 0.00, 0.36
HSL	221°, 100%, 32%
HSV	221°, 100%, 64%
XYZ	7.7496, 5.0646, 34.7515
YIQ	48.9920, -66.3020, 23.1860

Conversions

Conversions Part 2

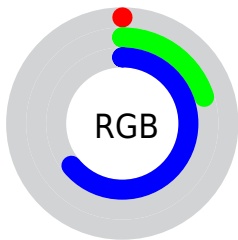
Format	Color
RYB	0, 39, 162
Decimal	13474
CIELab	26.92, 31.82, -62.68
CIElCh	27, 70.296, 296.914
Yxy	5.0646, 0.1629, 0.1065
Android (android.graphics.Color)	4278203554 (0xFF0034A2)
YUV	48.9920, 55.7129, -42.9660
Hunter-Lab	22.5047, 22.0839, -75.8017

Details

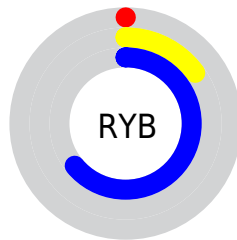
The Hex color **0034A2** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **A26E00**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **5962DA**, and **000D6D** is the 20% darker color. If you saturate the color by 10%, you get **0034A2**, and if you desaturate by 10%, it is **103FA2**.

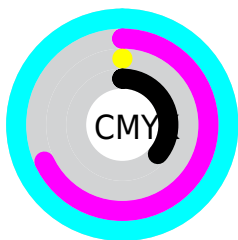
Distribution



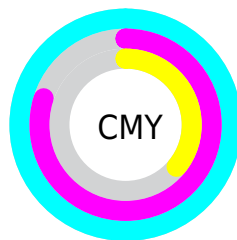
- Red (0%)
- Green (20%)
- Blue (64%)



- Red (0%)
- Yellow (15%)
- Blue (64%)



- Cyan (100%)
- Magenta (68%)
- Yellow (0%)
- Black (36%)



- Cyan (100%)
- Magenta (80%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0034A2 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 0034A2 by changing the saturation by 10% instead.

■ 0034A2

■ 0034A2

FFFFFF

■ 001F87

■ 5962DA

■ 000D6D

■ 777BF7

■ 000054

■ 9595FF

■ 00063C

■ B3AFFF

■ 000225

■ D1CBFF

■ 00010D

■ EFE7FF

■ 000000

■ 0034A2

■ 103FA2

■ 204AA2

■ 3155A2

■ 4160A2

■ 516BA2

■ 6176A2

■ 7181A2

■ 828CA2

■ 9297A2

Harmonies

Analogous

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



004AAE



0034A2



77007C

Triad

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



0034A2



7B1E00



005338

Complementary

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



0034A2



A26E00

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.



005000



0034A2



543C00

Square

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



0034A2



930014



1B4A00



005470

Rectangle

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



0034A2



8F005A



1B4A00



005225

Sweetspot

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



0034A2



94A9D4



00A26C



45516B



EBEBEB



6B6B6B

Same Dimension

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



0034A2



0044D4



1B00A2



494C52



002F91



000612

Inverse Universe

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



A20034



D40044



87A200



52494C



91002F



120006

Previews

White Background



This preview shows how the Hex color 0034A2 looks on a white background.

Color Contrast Check

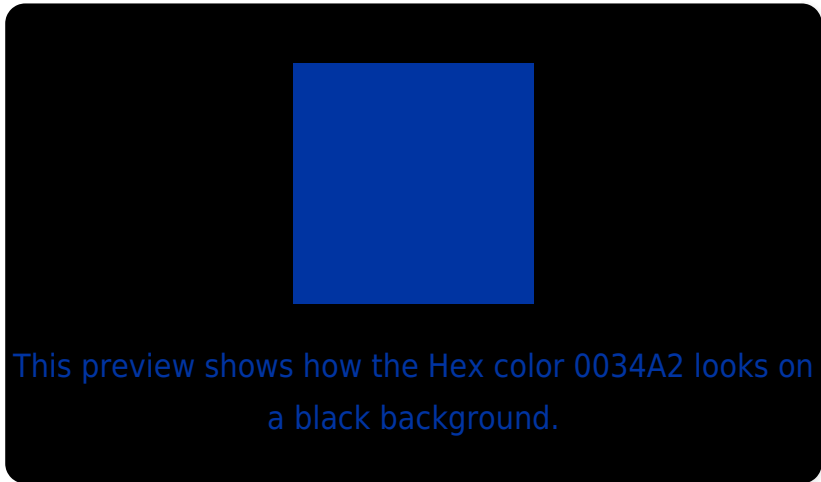
Large Text (above 18pt) WCAG AA ✓ Pass

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

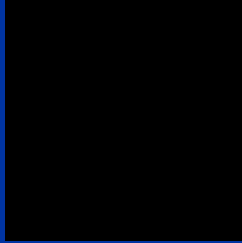
Any Text WCAG AA × Fail

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 0034A2 Background



This preview shows how black text looks on a background with the Hex color 0034A2.



This preview shows how white text looks on a background with the Hex color 0034A2.

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
0034A2

Protanopia
003E82

Deuteranopia
00426F



Tritanopia
00474B

Trichromacy



Original Color
0034A2

Protanomaly
003A8E

Deuteranomaly
003D82

Tritanomaly
00406B

Monochromacy



Original Color
0034A2

Achromatopsia
313131

Achromatomaly
1F325A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0034A2 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 #0034A2 looks like.

```
.text, #text, p{  
    color:#0034A2  
}
```

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 #0034A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0034A2
}
```

Border

The CSS property to change the border of an element to Hex 0034A2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

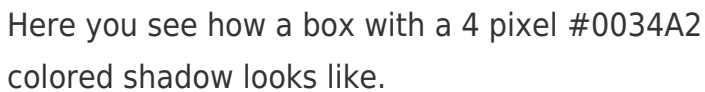
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0034A2 }
```

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

```
.border{ border-color:#0034A2 }
```

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



Here you see how a box with a 4 pixel #0034A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0034A2; -webkit-box-shadow:4px 4px  
4px 4px #0034A2; box-shadow:4px 4px 4px  
4px #0034A2 }
```

Background

The CSS property to change the background color of an element to Hex 0034A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0034A2 }
```

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

```
.background{ background-color:#0034A2 }
```

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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