

Converting Colors

Hex(5034AD)

Have a look what the booklet for
Hex(5034AD) contains.

Hex(5034AD)	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(5034AD)

Conversions

Conversions Part 1

Format	Color
Hex	5034AD
RGB	80, 52, 173
RGB Percent	31%, 20%, 68%
CMY	0.6863, 0.7961, 0.3216
CMYK	0.54, 0.70, 0.00, 0.32
HSL	254°, 54%, 44%
HSV	254°, 70%, 68%
XYZ	12.0791, 7.1786, 40.2841
YIQ	74.1660, -22.1530, 43.5670

Conversions

Conversions Part 2

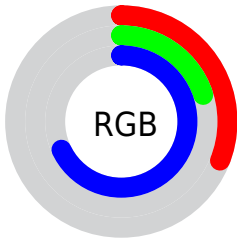
Format	Color
R_{YB}	80, 52, 173
Decimal	5256365
CIE _{Lab}	32.21, 43.58, -60.46
CIE _{LCh}	32, 74.527, 305.786
Yxy	7.1786, 0.2029, 0.1206
Android (android.graphics.Color)	4283446445 (0xFF5034AD)
YUV	74.1660, 48.7252, 5.1164
Hunter-Lab	26.7929, 33.5859, -70.3898

Details

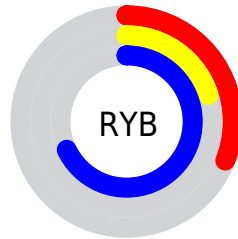
The Hex color **5034AD** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **91AD34**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **8A65E5**, and **030477** is the 20% darker color. If you saturate the color by 10%, you get **4323AD**, and if you desaturate by 10%, it is **5D45AD**.

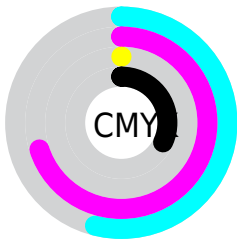
Distribution



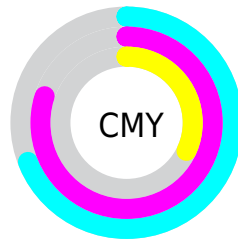
- Red (31%)
- Green (20%)
- Blue (68%)



- Red (31%)
- Yellow (20%)
- Blue (68%)



- Cyan (54%)
- Magenta (70%)
- Yellow (0%)
- Black (32%)



- Cyan (69%)
- Magenta (80%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5034AD 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 5034AD by changing the saturation by 10% instead.

■ 5034AD

■ 5034AD

FFFFFF

■ 311C92

■ 8A65E5

■ 030477

■ A67FFF

■ 00005E

■ C399FF

■ 000045

■ E1B4FF

■ 00042E

■ FFD0FF

■ 000118

■ FFECFF

■ 000000

■ 5034AD

■ 5034AD

■ 4323AD

■ 5D45AD

■ 3511AD

■ 6B57AD

■ 2800AD

■ 7868AD

■ 8579AD

■ 928BAD

■ A09CAD

■ ADADAD

■ BABEAD

■ C8D0AD

Harmonies

Analogous

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



0051C4



5034AD



96007D

Triad

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



5034AD



823400



006256

Complementary

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



5034AD



91AD34

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.



005F15



5034AD



544E00

Square

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



5034AD



A20008



005A00



006290

Rectangle

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



5034AD



A90057



005A00



006142

Sweetspot

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



5034AD



BCB1E0



3493AD



5B5470



F0F0F0



707070

Same Dimension

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



5034AD



5024E0



8B34AD



504E57



230096



050017

Inverse Universe

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



AD3491



E024B5



56AD34



574E55



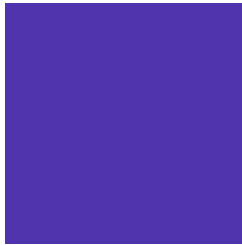
960074



170012

Previews

White Background



This preview shows how the Hex color 5034AD looks on a white background.

Color Contrast Check

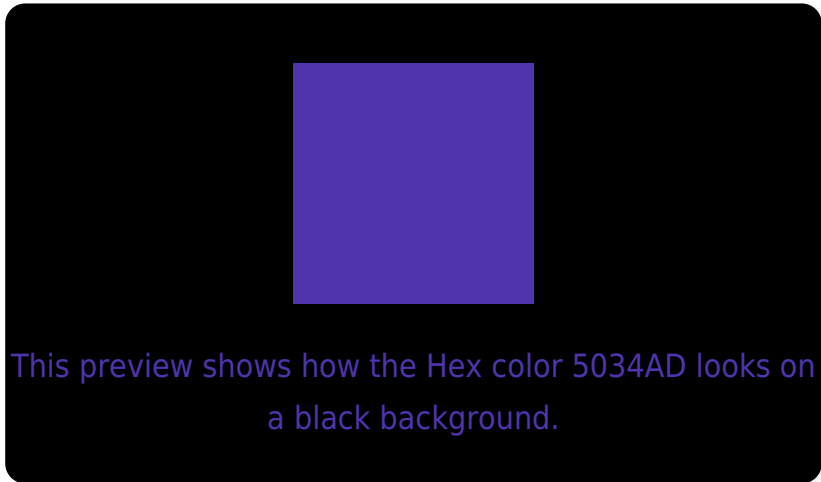
Large Text (above 18pt) WCAG AA ✓ Pass

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

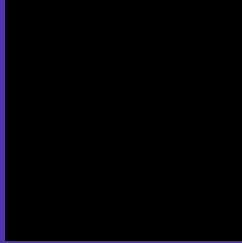
Any Text WCAG AA × Fail

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 5034AD Background



This preview shows how black text looks on a background with the Hex color 5034AD.

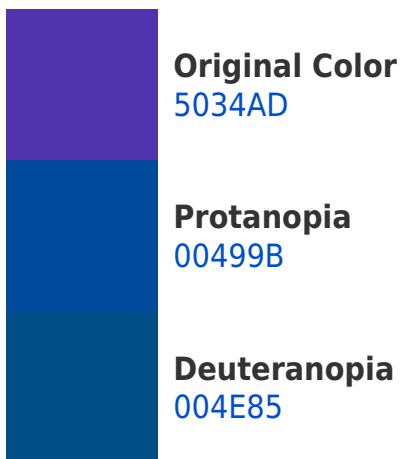


This preview shows how white text looks on a background with the Hex color 5034AD.

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
335157

Trichromacy



Original Color
5034AD



Protanomaly
1D41A2



Deuteranomaly
1D4594



Tritanomaly
3E4676

Monochromacy



Original Color
5034AD



Achromatopsia
4A4A4A



Achromatomaly
4C426E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5034AD 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 #5034AD looks like.

```
.text, #text, p{  
    color:#5034AD  
}
```

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 #5034AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5034AD
}
```

Border

The CSS property to change the border of an element to Hex 5034AD 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
#5034AD }
```

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

```
.border{ border-color:#5034AD }
```

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

Here you see how a box with a 4 pixel #5034AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5034AD; -webkit-box-shadow:4px 4px  
4px 4px #5034AD; box-shadow:4px 4px 4px  
4px #5034AD }
```

Background

The CSS property to change the background color of an element to Hex 5034AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5034AD }
```

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

```
.background{ background-color:#5034AD }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor