

Converting Colors

Hex(5324B7)

Have a look what the booklet for
Hex(5324B7) contains.

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Color

Hex(5324B7)

Conversions

Conversions Part 1

Format	Color
Hex	5324B7
RGB	83, 36, 183
RGB Percent	33%, 14%, 72%
CMY	0.6745, 0.8588, 0.2824
CMYK	0.55, 0.80, 0.00, 0.28
HSL	259°, 67%, 43%
HSV	259°, 80%, 72%
XYZ	12.7454, 6.5196, 45.3864
YIQ	66.8110, -19.1750, 55.6810

Conversions

Conversions Part 2

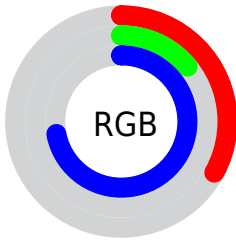
Format	Color
R_{YB}	83, 36, 183
Decimal	5448887
CIE _{Lab}	30.69, 54.68, -68.90
CIE _{LCh}	31, 87.967, 308.436
Yxy	6.5196, 0.1971, 0.1008
Android (android.graphics.Color)	4283638967 (0xFF5324B7)
YUV	66.8110, 57.2812, 14.1978
Hunter-Lab	25.5336, 44.4166, -87.5154

Details

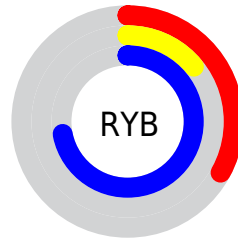
The Hex color **5324B7** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **88B724**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **8F58F0**, and **000081** is the 20% darker color. If you saturate the color by 10%, you get **4712B7**, and if you desaturate by 10%, it is **5F36B7**.

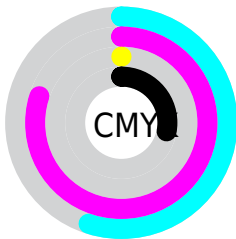
Distribution



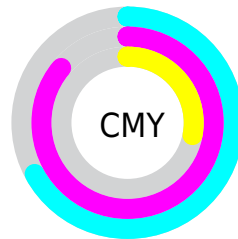
- Red (33%)
- Green (14%)
- Blue (72%)



- Red (33%)
- Yellow (14%)
- Blue (72%)



- Cyan (55%)
- Magenta (80%)
- Yellow (0%)
- Black (28%)



- Cyan (67%)
- Magenta (86%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5324B7 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 5324B7 by changing the saturation by 10% instead.

5324B7

5324B7

FFFFFF

32059B

8F58F0

000081

AC72FF

000067

CA8CFF

00004D

E8A7FF

000536

FFC3FF

00021F

FFE0FF

000003

FFFDFF

000000

5324B7

5324B7

4712B7

5F36B7

3B00B7

6C49B7

785BB7

856DB7

9180B7

9E92B7

AAA4B7

B7B6B7

C3C9B7

Harmonies

Analogous

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



004ED5



5324B7



A2007C

Triad

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



5324B7



7F2F00



00605B

Complementary

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



5324B7



88B724

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.



005D0B



5324B7



484C00

Square

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



5324B7



A70000



005900



00619E

Rectangle

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



5324B7



B4004F



005900



005F43

Sweetspot

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



5324B7



C6B4ED



2488B7



605578



F7F7F7



787878

Same Dimension

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



5324B7



5209ED



9C24B7



56535C



32009C



09001C

Inverse Universe

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



B72488



ED09A4



3FB724



5C5359



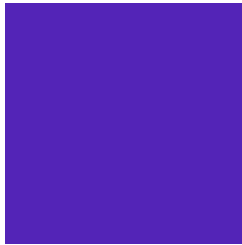
9C006A



1C0013

Previews

White Background



This preview shows how the Hex color 5324B7 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

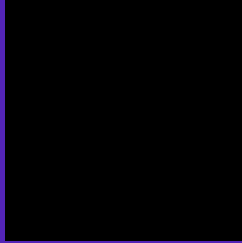
Any Text WCAG AA × Fail

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 5324B7 Background



This preview shows how black text looks on a background with the Hex color 5324B7.

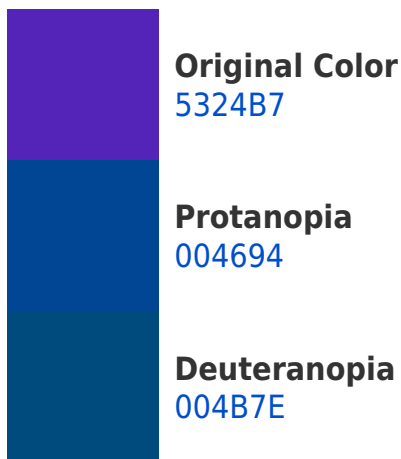


This preview shows how white text looks on a background with the Hex color 5324B7.

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
314D53

Trichromacy



Original Color
5324B7

Protanomaly
1E3AA1

Deuteranomaly
1E3D93

Tritanomaly
3D3E77

Monochromacy



Original Color
5324B7

Achromatopsia
434343

Achromatomaly
49386D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5324B7 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 #5324B7 looks like.

```
.text, #text, p{  
  color:#5324B7  
}
```

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 #5324B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5324B7
}
```

Border

The CSS property to change the border of an element to Hex 5324B7 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
#5324B7 }
```

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

```
.border{ border-color:#5324B7 }
```

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

Here you see how a box with a 4 pixel #5324B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5324B7; -webkit-box-shadow:4px 4px  
4px 4px #5324B7; box-shadow:4px 4px 4px  
4px #5324B7 }
```

Background

The CSS property to change the background color of an element to Hex 5324B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5324B7 }
```

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

```
.background{ background-color:#5324B7 }
```

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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