

Converting Colors

Hex(5B32B4)

Have a look what the booklet for
Hex(5B32B4) contains.

Hex(5B32B4)	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>	28

Color

Hex(5B32B4)

Conversions

Conversions Part 1

Format	Color
Hex	5B32B4
RGB	91, 50, 180
RGB Percent	36%, 20%, 71%
CMY	0.6431, 0.8039, 0.2941
CMYK	0.49, 0.72, 0.00, 0.29
HSL	259°, 57%, 45%
HSV	259°, 72%, 71%
XYZ	13.6932, 7.8006, 43.9640
YIQ	77.0790, -17.2940, 49.1220

Conversions

Conversions Part 2

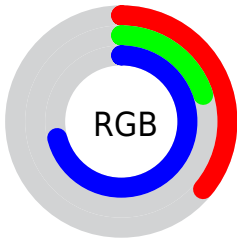
Format	Color
R_{YB}	91, 50, 180
Decimal	5976756
CIE _{Lab}	33.56, 48.48, -62.37
CIE _{LCh}	34, 78.992, 307.857
Yxy	7.8006, 0.2092, 0.1192
Android (android.graphics.Color)	4284166836 (0xFF5B32B4)
YUV	77.0790, 50.7401, 12.2087
Hunter-Lab	27.9296, 38.6373, -73.7776

Details

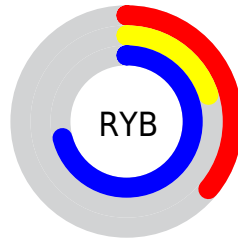
The Hex color **5B32B4** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **8BB432**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **9564ED**, and **19007E** is the 20% darker color. If you saturate the color by 10%, you get **4F20B4**, and if you desaturate by 10%, it is **6744B4**.

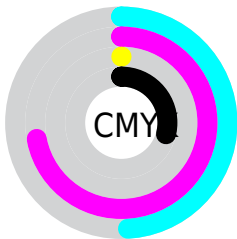
Distribution



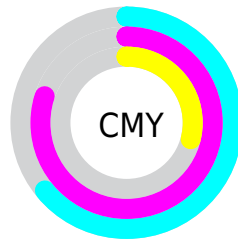
- Red (36%)
- Green (20%)
- Blue (71%)



- Red (36%)
- Yellow (20%)
- Blue (71%)



- Cyan (49%)
- Magenta (72%)
- Yellow (0%)
- Black (29%)



- Cyan (64%)
- Magenta (80%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B32B4 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 5B32B4 by changing the saturation by 10% instead.

5B32B4

5B32B4

FFFFFF

3D1999

9564ED

19007E

B27EFF

000064

CF99FF

00004B

EDB4FF

000433

FFD0FF

00021D

FFECFF

000000

5B32B4

5B32B4

4F20B4

6744B4

420EB4

7456B4

3900B4

8068B4

8C7AB4

998CB4

A59EB4

B1B0B4

BEC2B4

CAD4B4

Harmonies

Analogous

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



0054CE



5B32B4



A10080

Triad

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



5B32B4



853800



00665F

Complementary

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



5B32B4



8BB432

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.



00641A



5B32B4



535200

Square

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



5B32B4



A90000



005E00



00679C

Rectangle

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



5B32B4



B30056



005E00



006549

Sweetspot

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



5B32B4



C7B7EB



328DB4



605775



F5F5F5



757575

Same Dimension

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



5B32B4



5F1EEB



9A32B4



535059



300099



08001A

Inverse Universe

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



B4328B



EB1EAA



4CB432



595056



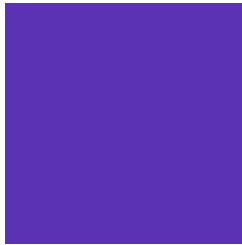
990069



1A0011

Previews

White Background



This preview shows how the Hex color 5B32B4 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

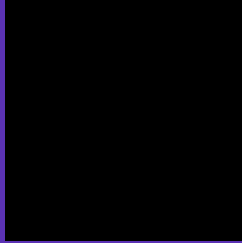
Any Text WCAG AA × Fail

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 5B32B4 Background



This preview shows how black text looks on a background with the Hex color 5B32B4.

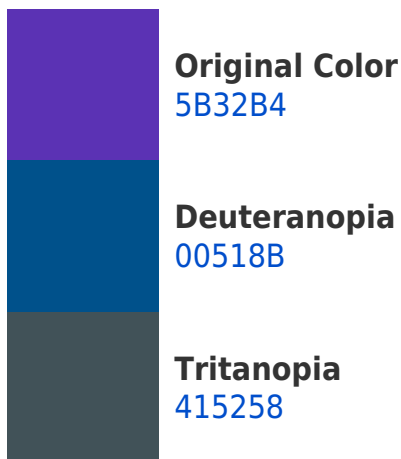


This preview shows how white text looks on a background with the Hex color 5B32B4.

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



Trichromacy



Original Color
5B32B4

Deuteranomaly
21469A

Tritanomaly
4A4679

Monochromacy



Original Color
5B32B4

Achromatopsia
4D4D4D

Achromatomaly
524372

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B32B4 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 #5B32B4 looks like.

```
.text, #text, p{  
    color:#5B32B4  
}
```

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 #5B32B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B32B4
}
```

Border

The CSS property to change the border of an element to Hex 5B32B4 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
#5B32B4 }
```

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

```
.border{ border-color:#5B32B4 }
```

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

Here you see how a box with a 4 pixel #5B32B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B32B4; -webkit-box-shadow:4px 4px  
4px 4px #5B32B4; box-shadow:4px 4px 4px  
4px #5B32B4 }
```

Background

The CSS property to change the background color of an element to Hex 5B32B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B32B4 }
```

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

```
.background{ background-color:#5B32B4 }
```

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