

Converting Colors

Hex(5B18B4)

Have a look what the booklet for
Hex(5B18B4) contains.

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Color

Hex(5B18B4)

Conversions

Conversions Part 1

Format	Color
Hex	5B18B4
RGB	91, 24, 180
RGB Percent	36%, 9%, 71%
CMY	0.6431, 0.9059, 0.2941
CMYK	0.49, 0.87, 0.00, 0.29
HSL	266°, 76%, 40%
HSV	266°, 87%, 71%
XYZ	12.8792, 6.1727, 43.6927
YIQ	61.8170, -10.1440, 62.7200

Conversions

Conversions Part 2

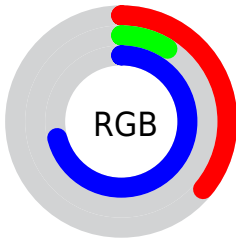
Format	Color
R_{YB}	91, 24, 180
Decimal	5970100
CIE _{Lab}	29.84, 59.21, -68.48
CIE _{LCh}	30, 90.527, 310.850
Yxy	6.1727, 0.2053, 0.0984
Android (android.graphics.Color)	4284160180 (0xFF5B18B4)
YUV	61.8170, 58.2642, 25.5935
Hunter-Lab	24.8449, 49.0531, -86.8768

Details

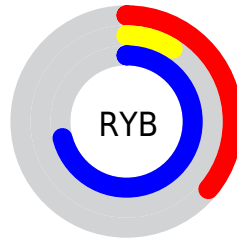
The Hex color **5B18B4** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **71B418**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **9650ED**, and **15007E** is the 20% darker color. If you saturate the color by 10%, you get **5106B4**, and if you desaturate by 10%, it is **652AB4**.

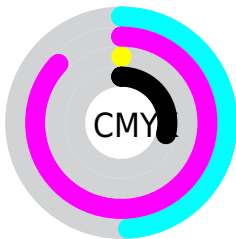
Distribution



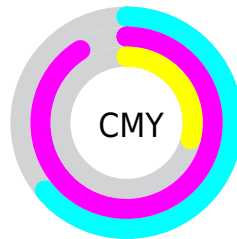
- Red (36%)
- Green (9%)
- Blue (71%)



- Red (36%)
- Yellow (9%)
- Blue (71%)



- Cyan (49%)
- Magenta (87%)
- Yellow (0%)
- Black (29%)



- Cyan (64%)
- Magenta (91%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B18B4 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 5B18B4 by changing the saturation by 10% instead.

5B18B4

5B18B4

FFFFFF

3C0098

9650ED

15007E

B36AFF

000064

D185FF

00004B

EFA0FF

000433

FFBCFF

00021D

FFD9FF

000000

FFF6FF

5B18B4

5B18B4

■ 5106B4

■ 652AB4

■ 4D00B4

■ 703CB4

■ 7A4EB4

■ 8460B4

■ 8E72B4

■ 9984B4

■ A396B4

■ ADA8B4

■ B7BAB4

Harmonies

Analogous

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



004BD6



5B18B4



A50076

Triad

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



5B18B4



7A3000



005E5F

Complementary

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



5B18B4



71B418

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.



005C10



5B18B4



3F4C00

Square

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



5B18B4



A40000



005700



005FA3

Rectangle

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



5B18B4



B50048



005700



005D47

Sweetspot

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



5B18B4



C8AEEB



1873B4



615175



F5F5F5



757575

Same Dimension

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



5B18B4



6500EB



A718B4



545059



420099



0B001A

Inverse Universe

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



B41871



EB0086



25B418



595055



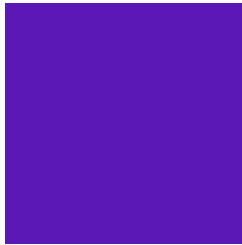
990057



1A000F

Previews

White Background



This preview shows how the Hex color 5B18B4 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

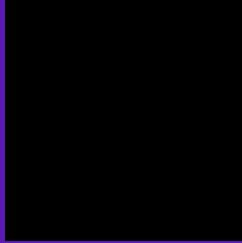
Any Text WCAG AA × Fail

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 5B18B4 Background



This preview shows how black text looks on a background with the Hex color 5B18B4.

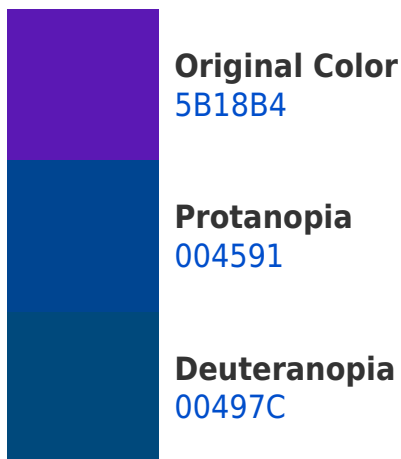


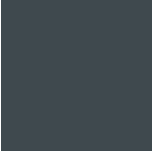
This preview shows how white text looks on a background with the Hex color 5B18B4.

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](#).

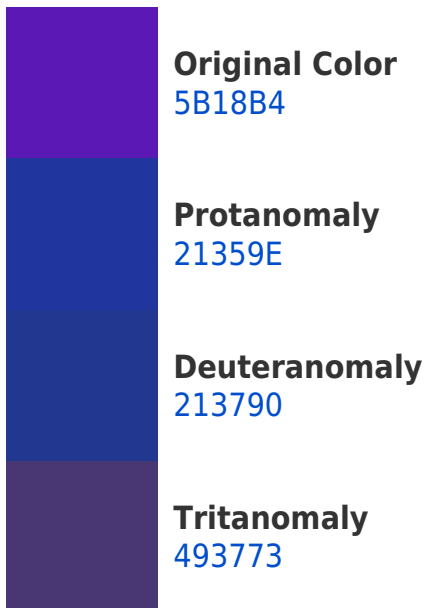
Dichromacy



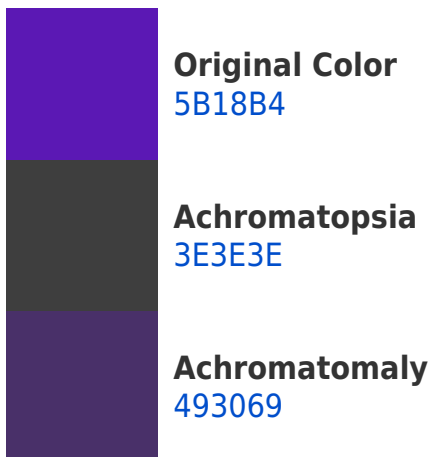


Tritanopia
3F494E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5B18B4 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 #5B18B4 looks like.

```
.text, #text, p{  
    color:#5B18B4  
}
```

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 #5B18B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B18B4
}
```

Border

The CSS property to change the border of an element to Hex 5B18B4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

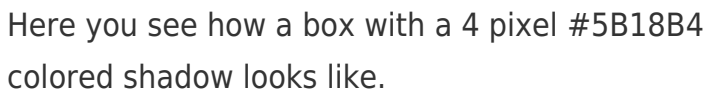
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B18B4 }
```

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

```
.border{ border-color:#5B18B4 }
```

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



Here you see how a box with a 4 pixel #5B18B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B18B4; -webkit-box-shadow:4px 4px  
4px 4px #5B18B4; box-shadow:4px 4px 4px  
4px #5B18B4 }
```

Background

The CSS property to change the background color of an element to Hex 5B18B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B18B4 }
```

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

```
.background{ background-color:#5B18B4 }
```

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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