

Converting Colors

Hex(5E4DB8)

Have a look what the booklet for
Hex(5E4DB8) contains.

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Color

Hex(5E4DB8)

Conversions

Conversions Part 1

Format	Color
Hex	5E4DB8
RGB	94, 77, 184
RGB Percent	37%, 30%, 72%
CMY	0.6314, 0.6980, 0.2784
CMYK	0.49, 0.58, 0.00, 0.28
HSL	250°, 43%, 51%
HSV	250°, 58%, 72%
XYZ	15.9217, 11.1481, 46.6600
YIQ	94.2810, -24.2150, 36.8810

Conversions

Conversions Part 2

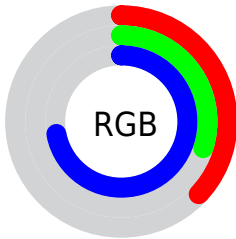
Format	Color
RYB	94, 77, 184
Decimal	6180280
CIELab	39.83, 34.98, -54.53
CIELCh	40, 64.786, 302.684
Yxy	11.1481, 0.2159, 0.1512
Android (android.graphics.Color)	4284370360 (0xFF5E4DB8)
YUV	94.2810, 44.2315, -0.2464
Hunter-Lab	33.3888, 26.6886, -59.4841

Details

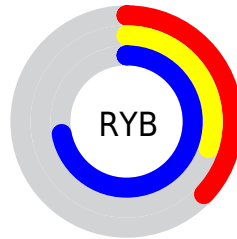
The Hex color **5E4DB8** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **A7B84D**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **967FF1**, and **212082** is the 20% darker color. If you saturate the color by 10%, you get **4F3BB8**, and if you desaturate by 10%, it is **6D5FB8**.

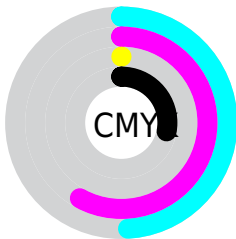
Distribution



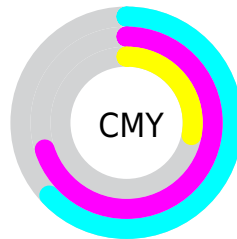
- Red (37%)
- Green (30%)
- Blue (72%)



- Red (37%)
- Yellow (30%)
- Blue (72%)



- Cyan (49%)
- Magenta (58%)
- Yellow (0%)
- Black (28%)



- Cyan (63%)
- Magenta (70%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E4DB8 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 5E4DB8 by changing the saturation by 10% instead.

■ 5E4DB8

■ 5E4DB8

FFFFFF

■ 41369D

■ 967FF1

■ 212082

■ B399FF

■ 000A68

■ D0B4FF

■ 000050

■ EDCFFF

■ 000537

■ FFECFF

■ 000221

■ 000006

■ 000000

■ 5E4DB8

■ 5E4DB8

■ 4F3BB8

■ 6D5FB8

■ 3F28B8

■ 7D72B8

■ 3016B8

■ 8C84B8

■ 2003B8

■ 9C97B8

■ 1D00B8

■ ABA9B8

■ BBBB8

■ CACEB8

■ DAE0B8

■ E9F3B8

Harmonies

Analogous

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



0063C9



5E4DB8



9F2C8F

Triad

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



5E4DB8



984700



007461

Complementary

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



5E4DB8



A7B84D

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.



007129



5E4DB8



6F5D00

Square

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



5E4DB8



B22828



376A00



007496

Rectangle

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



5E4DB8



B3136D



376A00



00734F

Sweetspot

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



5E4DB8



CDC7F0



4DA8B8



646078



F7F7F7



787878

Same Dimension

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



5E4DB8



6348F0



934DB8



54535C



19009C



04001C

Inverse Universe

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



B84DA7



F048D5



72B84D



5C535A



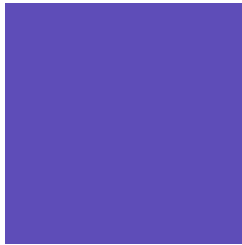
9C0083



1C0018

Previews

White Background



This preview shows how the Hex color 5E4DB8 looks on a white background.

Color Contrast Check

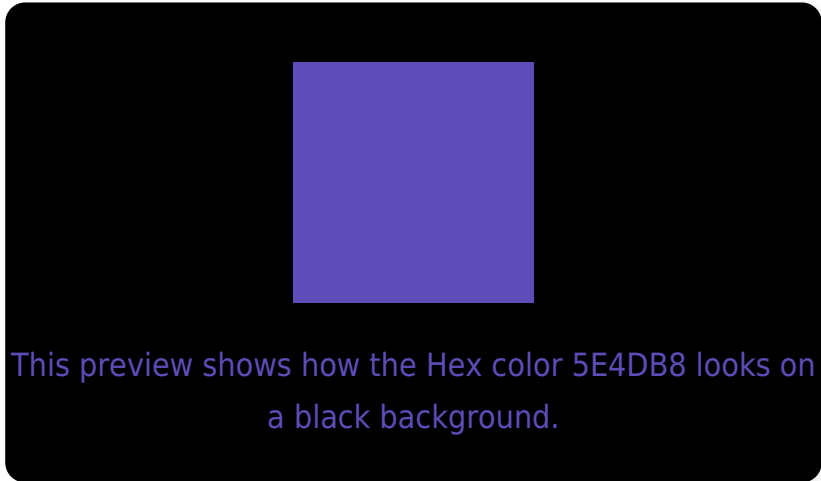
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

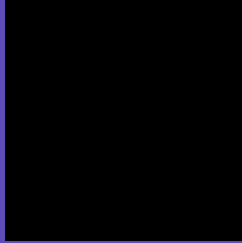
Any Text WCAG AA × Fail

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 5E4DB8 Background



This preview shows how black text looks on a background with the Hex color 5E4DB8.



This preview shows how white text looks on a background with the Hex color 5E4DB8.

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
5E4DB8

Protanopia
005AC0

Deuteranopia
0060A7



Tritanopia
47626A

Trichromacy



Original Color
5E4DB8



Protanomaly
2255BD



Deuteranomaly
2259AD



Tritanomaly
4F5A86

Monochromacy



Original Color
5E4DB8



Achromatopsia
5E5E5E



Achromatomaly
5E587F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E4DB8 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 #5E4DB8 looks like.

```
.text, #text, p{  
    color:#5E4DB8  
}
```

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 #5E4DB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E4DB8
}
```

Border

The CSS property to change the border of an element to Hex 5E4DB8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

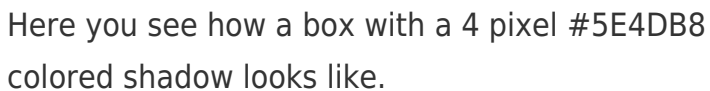
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E4DB8 }
```

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

```
.border{ border-color:#5E4DB8 }
```

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



Here you see how a box with a 4 pixel #5E4DB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E4DB8; -webkit-box-shadow:4px 4px  
4px 4px #5E4DB8; box-shadow:4px 4px 4px  
4px #5E4DB8 }
```

Background

The CSS property to change the background color of an element to Hex 5E4DB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E4DB8 }
```

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

```
.background{ background-color:#5E4DB8 }
```

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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