

Converting Colors

Hex(5D4DE2)

Have a look what the booklet for
Hex(5D4DE2) contains.

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Color

Hex(5D4DE2)

Conversions

Conversions Part 1

Format	Color
Hex	5D4DE2
RGB	93, 77, 226
RGB Percent	36%, 30%, 89%
CMY	0.6353, 0.6980, 0.1137
CMYK	0.59, 0.66, 0.00, 0.11
HSL	246°, 72%, 59%
HSV	246°, 66%, 89%
XYZ	20.8955, 13.1259, 73.3837
YIQ	98.7700, -38.2930, 49.7310

Conversions

Conversions Part 2

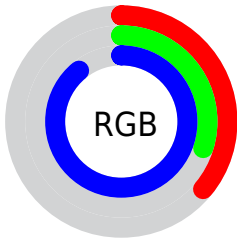
Format	Color
RYB	93, 77, 226
Decimal	6114786
CIELab	42.95, 47.66, -73.71
CIELCh	43, 87.778, 302.889
Yxy	13.1259, 0.1945, 0.1222
Android (android.graphics.Color)	4284304866 (0xFF5D4DE2)
YUV	98.7700, 62.7244, -5.0603
Hunter-Lab	36.2297, 39.5483, -94.7320

Details

The Hex color **5D4DE2** is a dark color, and the websafe version is hex **6666FF**. The color can be described as dark muted blue. A complement of this color would be **D2E24D**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **9B7FFF**, and **001EA9** is the 20% darker color. If you saturate the color by 10%, you get **4936E2**, and if you desaturate by 10%, it is **7164E2**.

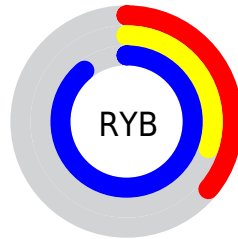
Distribution



Red (36%)

Green (30%)

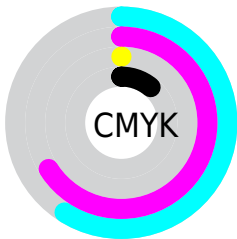
Blue (89%)



Red (36%)

Yellow (30%)

Blue (89%)

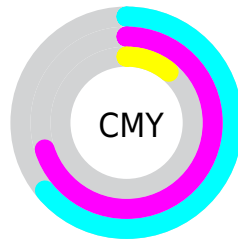


Cyan (59%)

Magenta (66%)

Yellow (0%)

Black (11%)



Cyan (64%)

Magenta (70%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D4DE2 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 5D4DE2 by changing the saturation by 10% instead.

■ 5D4DE2

■ 5D4DE2

FFFFFF

■ 3A35C5

■ 9B7FFF

■ 001EA9

■ B99AFF

■ 00078E

■ D8B5FF

■ 000074

■ F6D1FF

■ 00005A

■ FFEDFF

■ 000741

■ 00032A

■ 000115

■ 000000

■ 5D4DE2

■ 5D4DE2

■ 4936E2

■ 7164E2

■ 3520E2

■ 857AE2

■ 2009E2

■ 9A91E2

■ 1800E2

■ AEA7E2

■ C2BEE2

■ D6D5E2

■ EAEBE2

■ FEFFE2

■ FFFFE2

Harmonies

Analogous

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



006EFA



5D4DE2



BD00A9

Triad

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



5D4DE2



AE4500



00816B

Complementary

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



5D4DE2



D2E24D

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.



007E18



5D4DE2



766600

Square

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



5D4DE2



D4001B



217600



0082B4

Rectangle

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



5D4DE2



D7007A



217600



008051

Sweetspot

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



5D4DE2



D1CCFF



4DD3E2



646180



000000



808080

Same Dimension

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



5D4DE2



4B36FF



A64DE2



666570



1300B0



050030

Inverse Universe

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



E24DD2



FF36E9



89E24D



70656F



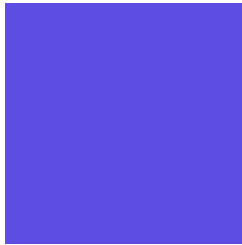
B0009D



30002B

Previews

White Background



This preview shows how the Hex color 5D4DE2 looks on a white background.

Color Contrast Check

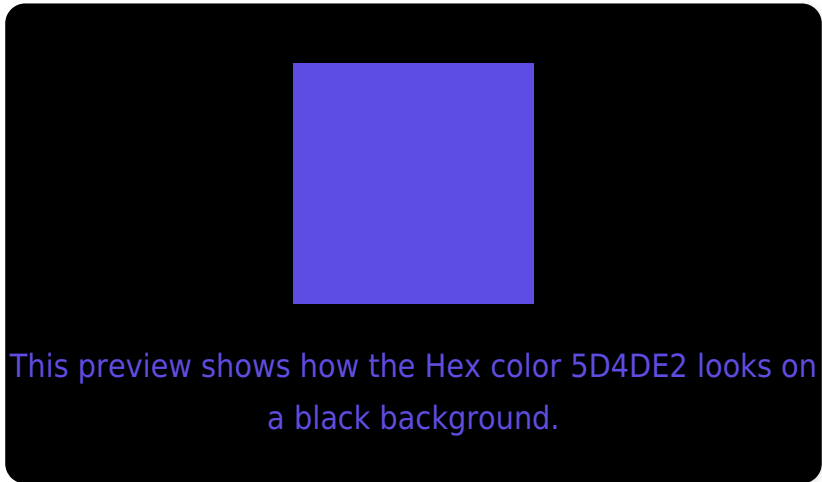
Large Text (above 18pt) WCAG AA ✓ Pass

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 5D4DE2 Background



This preview shows how black text looks on a background with the Hex color 5D4DE2.



This preview shows how white text looks on a background with the Hex color 5D4DE2.

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
5D4DE2

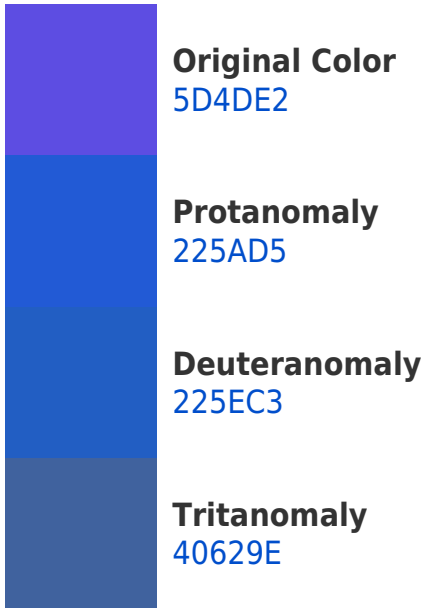
Protanopia
0061CE

Deuteranopia
0068B1



Tritanopia
2F6E77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5D4DE2 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 #5D4DE2 looks like.

```
.text, #text, p{  
  color:#5D4DE2  
}
```

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 #5D4DE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D4DE2
}
```

Border

The CSS property to change the border of an element to Hex 5D4DE2 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
#5D4DE2 }
```

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

```
.border{ border-color:#5D4DE2 }
```

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

Here you see how a box with a 4 pixel #5D4DE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D4DE2; -webkit-box-shadow:4px 4px  
4px 4px #5D4DE2; box-shadow:4px 4px 4px  
4px #5D4DE2 }
```

Background

The CSS property to change the background color of an element to Hex 5D4DE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D4DE2 }
```

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

```
.background{ background-color:#5D4DE2 }
```

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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