

Converting Colors

Hex(5872DE)

Have a look what the booklet for
Hex(5872DE) contains.

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Color

Hex(5872DE)

Conversions

Conversions Part 1

Format	Color
Hex	5872DE
RGB	88, 114, 222
RGB Percent	35%, 45%, 87%
CMY	0.6549, 0.5529, 0.1294
CMYK	0.60, 0.49, 0.00, 0.13
HSL	228°, 67%, 61%
HSV	228°, 60%, 87%
XYZ	23.2266, 19.3833, 71.6244
YIQ	118.5380, -50.1640, 28.0760

Conversions

Conversions Part 2

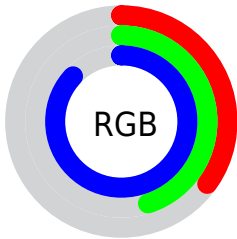
Format	Color
RYP	88, 110, 222
Decimal	5796574
CIELab	51.13, 23.23, -58.19
CIElCh	51, 62.660, 291.764
Yxy	19.3833, 0.2033, 0.1697
Android (android.graphics.Color)	4283986654 (0xFF5872DE)
YUV	118.5380, 51.0068, -26.7818
Hunter-Lab	44.0264, 17.1234, -65.6375

Details

The Hex color **5872DE** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted azure. A complement of this color would be **DEC458**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **94A6FF**, and **0043A6** is the 20% darker color. If you saturate the color by 10%, you get **4260DE**, and if you desaturate by 10%, it is **6E84DE**.

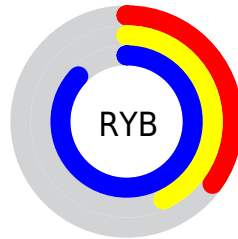
Distribution



Red (35%)

Green (45%)

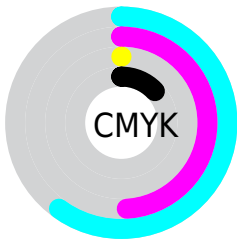
Blue (87%)



Red (35%)

Yellow (43%)

Blue (87%)

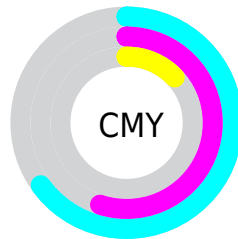


Cyan (60%)

Magenta (49%)

Yellow (0%)

Black (13%)



Cyan (65%)

Magenta (55%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5872DE 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 5872DE by changing the saturation by 10% instead.

■ 5872DE

■ 5872DE

FFFFFF

■ 365AC2

■ 94A6FF

■ 0043A6

■ B2C1FF

■ 002D8B

■ D0DCFF

■ 001A71

■ EEF9FF

■ 000058

■ 00073F

■ 000329

■ 000112

■ 000000

 5872DE

 5872DE

 4260DE

 6E84DE

 2C4EDE

 8496DE

 153CDE

 9BA8DE

 002BDE

 B1BADE

 C7CBDE

 DDDDE

 F3EFDE

 FFFFDE

Harmonies

Analogous

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



0085E4



5872DE



AB58BD

Triad

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



5872DE



C45B24



009169

Complementary

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



5872DE



DEC458

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.



1D8C32



5872DE



9F7200

Square

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



5872DE



D74556



6D8300



0092A0

Rectangle

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



5872DE



C8489D



6D8300



009056

Sweetspot

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



5872DE



D1DAFF



58DEC3



636980



000000



808080

Same Dimension

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



5872DE



476BFF



8058DE



656770



0022B0



000930

Inverse Universe

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



DE5872



FF476B



B6DE58



706567



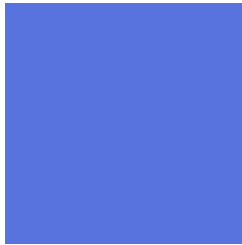
B00022



300009

Previews

White Background



This preview shows how the Hex color 5872DE looks on a white background.

Color Contrast Check

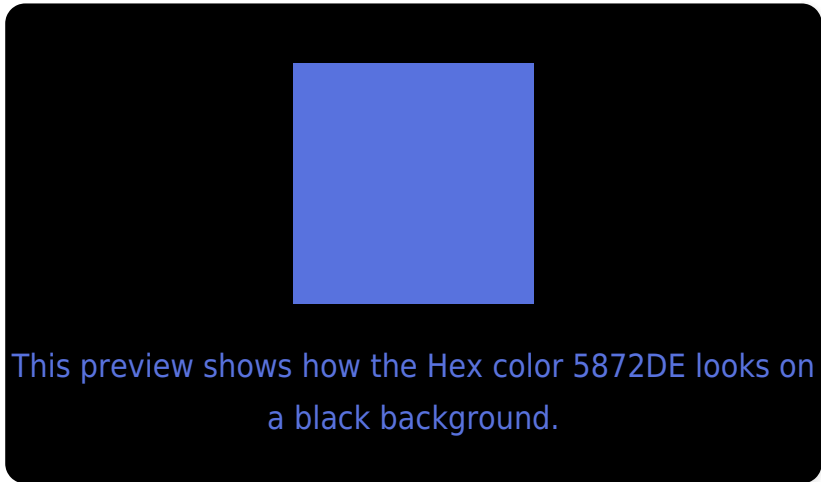
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5872DE Background



This preview shows how black text looks on a background with the Hex color 5872DE.



This preview shows how white text looks on a background with the Hex color 5872DE.

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](#).

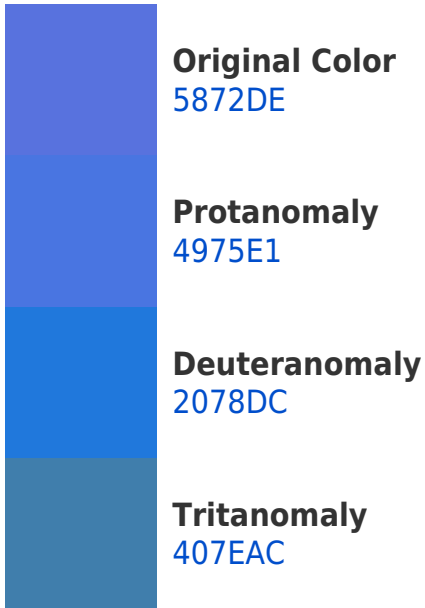
Dichromacy





Tritanopia
33858F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5872DE 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 #5872DE looks like.

```
.text, #text, p{  
    color:#5872DE  
}
```

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 #5872DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5872DE
}
```

Border

The CSS property to change the border of an element to Hex 5872DE is called "border". The border property can be set on classes, ids or directly on the HTML element.

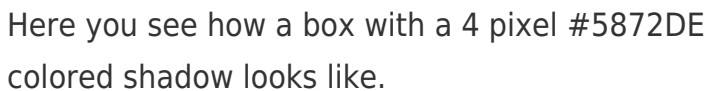
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5872DE }
```

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

```
.border{ border-color:#5872DE }
```

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



Here you see how a box with a 4 pixel #5872DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5872DE; -webkit-box-shadow:4px 4px  
4px 4px #5872DE; box-shadow:4px 4px 4px  
4px #5872DE }
```

Background

The CSS property to change the background color of an element to Hex 5872DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5872DE }
```

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

```
.background{ background-color:#5872DE }
```

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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