

Converting Colors

Hex(5067DE)

Have a look what the booklet for
Hex(5067DE) contains.

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Color

Hex(5067DE)

Conversions

Conversions Part 1

Format	Color
Hex	5067DE
RGB	80, 103, 222
RGB Percent	31%, 40%, 87%
CMY	0.6863, 0.5961, 0.1294
CMYK	0.64, 0.54, 0.00, 0.13
HSL	230°, 68%, 59%
HSV	230°, 64%, 87%
XYZ	21.3433, 16.6799, 71.2019
YIQ	109.6890, -51.9070, 32.1330

Conversions

Conversions Part 2

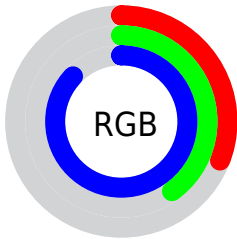
Format	Color
R_{YB}	80, 100, 222
Decimal	5269470
CIE _{Lab}	47.85, 28.68, -63.50
CIE _{LCh}	48, 69.678, 294.303
Yxy	16.6799, 0.1954, 0.1527
Android (android.graphics.Color)	4283459550 (0xFF5067DE)
YUV	109.6890, 55.3693, -26.0373
Hunter-Lab	40.8410, 21.8115, -74.7769

Details

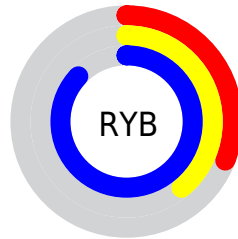
The Hex color **5067DE** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted azure. A complement of this color would be **DEC750**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **8E9AFF**, and **0039A6** is the 20% darker color. If you saturate the color by 10%, you get **3A54DE**, and if you desaturate by 10%, it is **667ADE**.

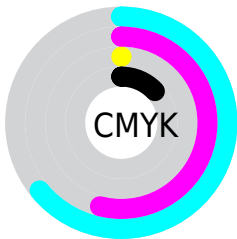
Distribution



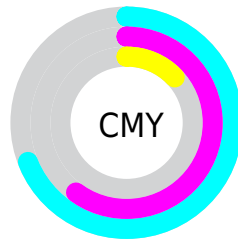
- Red (31%)
- Green (40%)
- Blue (87%)



- Red (31%)
- Yellow (39%)
- Blue (87%)



- Cyan (64%)
- Magenta (54%)
- Yellow (0%)
- Black (13%)



- Cyan (69%)
- Magenta (60%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5067DE 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 5067DE by changing the saturation by 10% instead.

■ 5067DE

■ 5067DE

FFFFFF

■ 2B4FC2

■ 8E9AFF

■ 0039A6

■ ACB4FF

■ 00248B

■ CAD0FF

■ 001271

■ E8ECFF

■ 000057

■ 00063F

■ 000328

■ 000112

■ 000000

■ 5067DE

■ 5067DE

■ 3A54DE

■ 667ADE

■ 2442DE

■ 7C8CDE

■ 0D2FDE

■ 939FDE

■ 0024DE

■ A9B1DE

■ BFC4DE

■ D5D7DE

■ EBE9DE

■ FFFCDE

■ FFFFDE

Harmonies

Analogous

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



007CE8



5067DE



AC47B7

Triad

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



5067DE



BD5104



008A64

Complementary

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



5067DE



DEC750

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.



008625



5067DE



936B00

Square

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



5067DE



D53045



5C7C00



008BA1

Rectangle

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



5067DE



C93093



5C7C00



00894F

Sweetspot

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



5067DE



CFD6FF



50DEC6



626780



000000



808080

Same Dimension

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



5067DE



3B5AFF



7F50DE



656770



001CB0



000830

Inverse Universe

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



DE5067



FF3B5A



AFDE50



706567



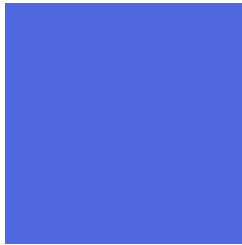
B0001C



300008

Previews

White Background



This preview shows how the Hex color 5067DE looks on a white background.

Color Contrast Check

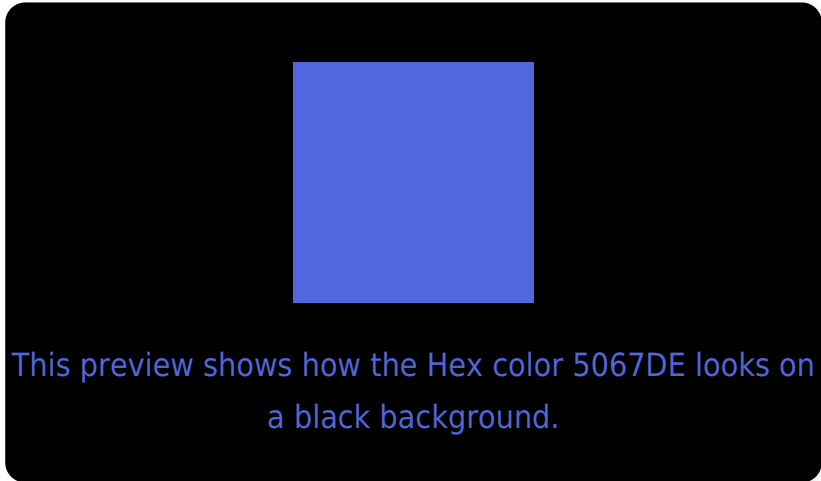
Large Text (above 18pt) WCAG AA ✓ Pass

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

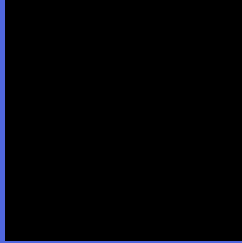
Any Text WCAG AA × Fail

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 5067DE Background



This preview shows how black text looks on a background with the Hex color 5067DE.

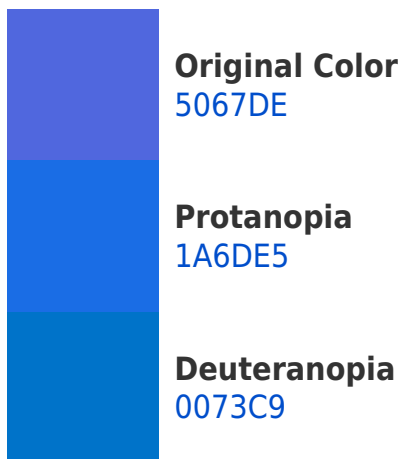


This preview shows how white text looks on a background with the Hex color 5067DE.

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](#).

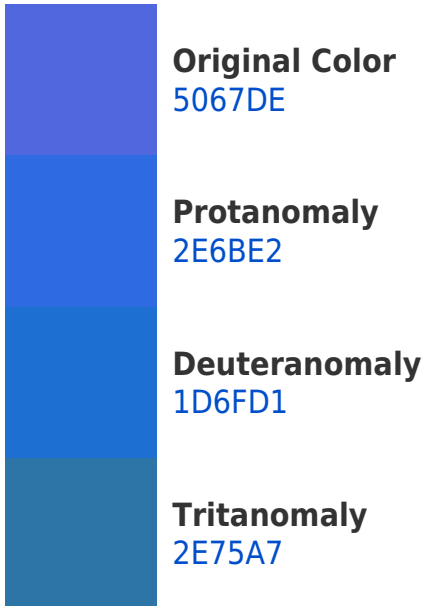
Dichromacy





Tritanopia
1A7D87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5067DE 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 #5067DE looks like.

```
.text, #text, p{  
    color:#5067DE  
}
```

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 #5067DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5067DE
}
```

Border

The CSS property to change the border of an element to Hex 5067DE is called "border". The border property can be set on classes, ids or directly on the HTML element.

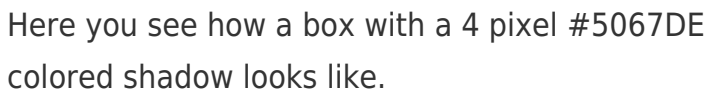
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5067DE }
```

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

```
.border{ border-color:#5067DE }
```

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



Here you see how a box with a 4 pixel #5067DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5067DE; -webkit-box-shadow:4px 4px  
4px 4px #5067DE; box-shadow:4px 4px 4px  
4px #5067DE }
```

Background

The CSS property to change the background color of an element to Hex 5067DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5067DE }
```

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

```
.background{ background-color:#5067DE }
```

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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