

Converting Colors

Hex(5F7DED)

Have a look what the booklet for
Hex(5F7DED) contains.

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Color

Hex(5F7DED)

Conversions

Conversions Part 1

Format	Color
Hex	5F7DED
RGB	95, 125, 237
RGB Percent	37%, 49%, 93%
CMY	0.6275, 0.5098, 0.0706
CMYK	0.60, 0.47, 0.00, 0.07
HSL	227°, 80%, 65%
HSV	227°, 60%, 93%
XYZ	27.3390, 23.2146, 83.1607
YIQ	128.7980, -53.8320, 28.4720

Conversions

Conversions Part 2

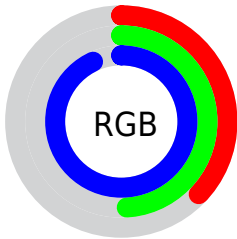
Format	Color
R _Y B	95, 120, 237
Decimal	6258157
CIE Lab	55.29, 22.76, -59.90
CIE LCh	55, 64.076, 290.804
Yxy	23.2146, 0.2045, 0.1736
Android (android.graphics.Color)	4284448237 (0xFF5F7DED)
YUV	128.7980, 53.3436, -29.6408
Hunter-Lab	48.1815, 16.9663, -68.6068

Details

The Hex color **5F7DED** 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 **EDCF5F**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **9CB1FF**, and **0A4DB4** is the 20% darker color. If you saturate the color by 10%, you get **476AED**, and if you desaturate by 10%, it is **7790ED**.

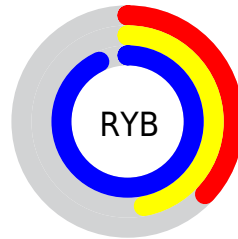
Distribution



Red (37%)

Green (49%)

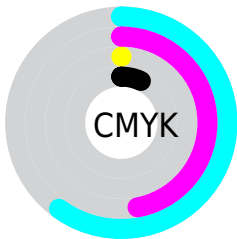
Blue (93%)



Red (37%)

Yellow (47%)

Blue (93%)

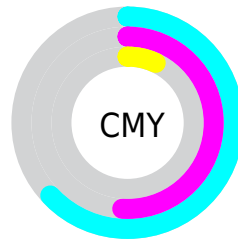


Cyan (60%)

Magenta (47%)

Yellow (0%)

Black (7%)



Cyan (63%)

Magenta (51%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F7DED 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 5F7DED by changing the saturation by 10% instead.

■ 5F7DED

■ 5F7DED

FFFFFF

■ 3D64D0

■ 9CB1FF

■ 0A4DB4

■ BACDFF

■ 003799

■ D8E9FF

■ 00227E

■ F6FFFF

■ 001065

■ 00074C

■ 000434

■ 00021E

■ 000000

■ 5F7DED

■ 5F7DED

■ 476AED

■ 7790ED

■ 3058ED

■ 8EA2ED

■ 1845ED

■ A6B5ED

■ 0032ED

■ BEC8ED

■ D5DAED

■ EDEDED

■ FFFFED

Harmonies

Analogous

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



0090F2



5F7DED



B663CB

Triad

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



5F7DED



D3642E



009D71

Complementary

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



5F7DED



EDCF5F

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.



2D9839



5F7DED



AD7C00

Square

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



5F7DED



E64E60



7A8D00



009EAA

Rectangle

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



5F7DED



D553AA



7A8D00



009C5E

Sweetspot

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



5F7DED



D1DBFF



5FEDCE



636980



000000



808080

Same Dimension

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



5F7DED



476EFF



875FED



6A6C75



0026B5



000B36

Inverse Universe

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



ED5F7D



FF476E



C5ED5F



756A6C



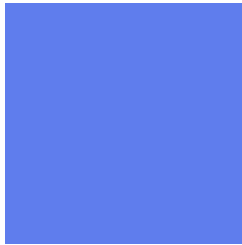
B50026



36000B

Previews

White Background



This preview shows how the Hex color 5F7DED looks on a white background.

Color Contrast Check

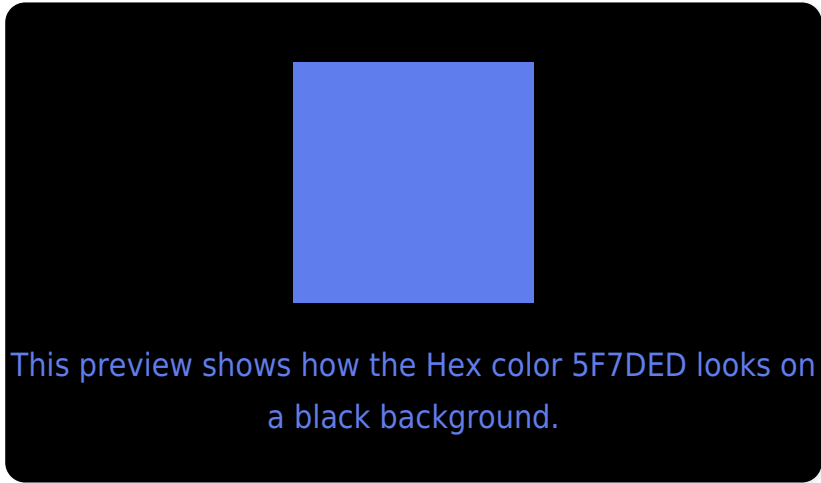
Large Text (above 18pt) WCAG AA ✓ Pass

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

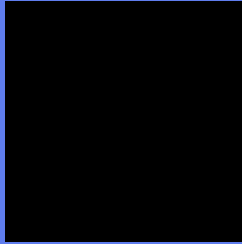
Any Text WCAG AA ✓ Pass

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 5F7DED Background



This preview shows how black text looks on a background with the Hex color 5F7DED.

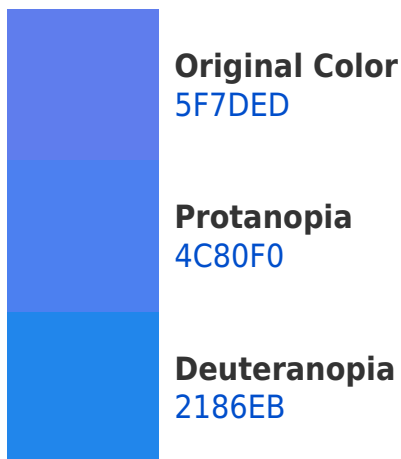


This preview shows how white text looks on a background with the Hex color 5F7DED.

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](#).

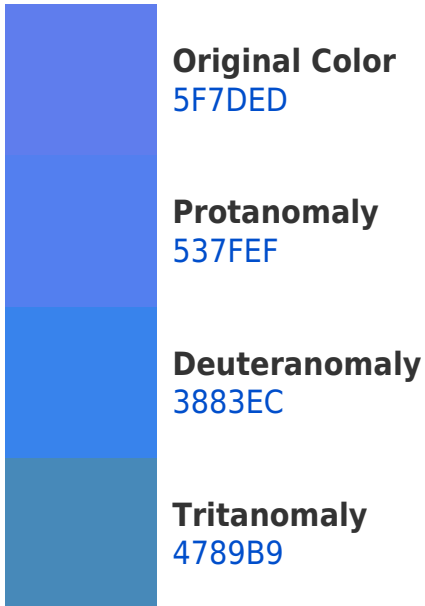
Dichromacy



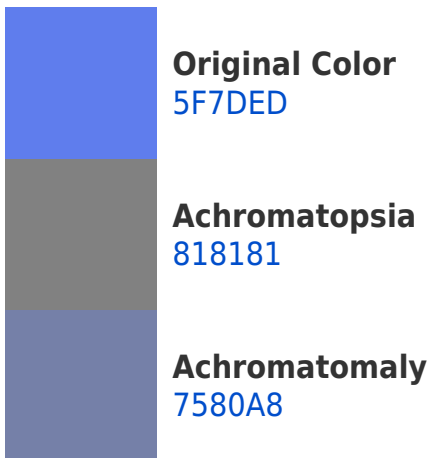


Tritanopia
3A909C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5F7DED 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 #5F7DED looks like.

```
.text, #text, p{  
    color:#5F7DED  
}
```

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 #5F7DED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F7DED
}
```

Border

The CSS property to change the border of an element to Hex 5F7DED 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
#5F7DED }
```

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

```
.border{ border-color:#5F7DED }
```

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

Here you see how a box with a 4 pixel #5F7DED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F7DED; -webkit-box-shadow:4px 4px  
4px 4px #5F7DED; box-shadow:4px 4px 4px  
4px #5F7DED }
```

Background

The CSS property to change the background color of an element to Hex 5F7DED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F7DED }
```

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

```
.background{ background-color:#5F7DED }
```

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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