

Converting Colors

Hex(5D7EB6)

Have a look what the booklet for
Hex(5D7EB6) contains.

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Color

Hex(5D7EB6)

Conversions

Conversions Part 1

Format	Color
Hex	5D7EB6
RGB	93, 126, 182
RGB Percent	36%, 49%, 71%
CMY	0.6353, 0.5059, 0.2863
CMYK	0.49, 0.31, 0.00, 0.29
HSL	218°, 38%, 54%
HSV	218°, 49%, 71%
XYZ	20.4186, 20.6263, 47.1611
YIQ	122.5170, -37.6440, 10.4200

Conversions

Conversions Part 2

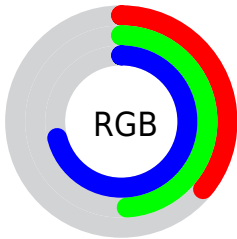
Format	Color
R_{YB}	93, 117, 182
Decimal	6127286
CIE _{Lab}	52.54, 4.03, -33.15
CIE _{LCh}	53, 33.398, 276.936
Yxy	20.6263, 0.2315, 0.2338
Android (android.graphics.Color)	4284317366 (0xFF5D7EB6)
YUV	122.5170, 29.3251, -25.8864
Hunter-Lab	45.4161, 0.7732, -29.7767

Details

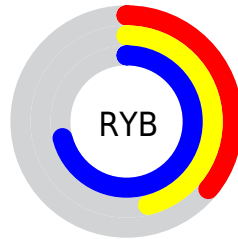
The Hex color **5D7EB6** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B6955D**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **94B2EE**, and **254D81** is the 20% darker color. If you saturate the color by 10%, you get **4B73B6**, and if you desaturate by 10%, it is **6F89B6**.

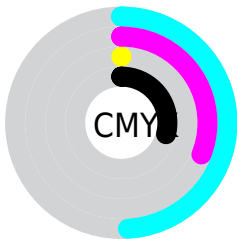
Distribution



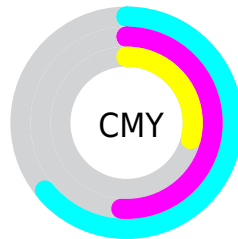
- Red (36%)
- Green (49%)
- Blue (71%)



- Red (36%)
- Yellow (46%)
- Blue (71%)



- Cyan (49%)
- Magenta (31%)
- Yellow (0%)
- Black (29%)



- Cyan (64%)
- Magenta (51%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D7EB6 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 5D7EB6 by changing the saturation by 10% instead.

■ 5D7EB6

■ 5D7EB6

FFFFFF

■ 42659B

■ 94B2EE

■ 254D81

■ B0CEFF

■ 003767

■ CCEAFF

■ 00224F

■ E9FFFF

■ 000B38

■ 000222

■ 000007

■ 000000

■ 5D7EB6

■ 5D7EB6

■ 4B73B6

■ 6F89B6

■ 3967B6

■ 8195B6

■ 265CB6

■ 94A0B6

■ 1450B6

■ A6ACB6

■ 0245B6

■ B8B7B6

■ 0043B6

■ CAC3B6

■ DCCEB6

■ EFDAB6

■ FFE5B6

Harmonies

Analogous

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



1F86B1



5D7EB6



8973AB

Triad

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



5D7EB6



B26B5C



468B66

Complementary

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



5D7EB6



B6955D

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.



6A864E



5D7EB6



A27449

Square

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



5D7EB6



B46678



897E43



0C8D83

Rectangle

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



5D7EB6



9E6D9D



897E43



53895D

Sweetspot

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



5D7EB6



CAD7ED



5DB694



626A78



F7F7F7



787878

Same Dimension

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



5D7EB6



6195ED



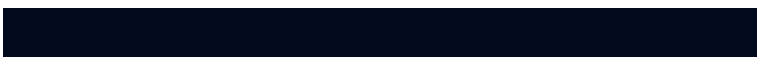
675DB6



53565C



003A9C



000A1C

Inverse Universe

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



B65D7E



ED6195



ACB65D



5C5356



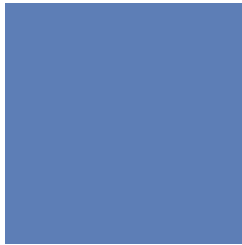
9C003A



1C000A

Previews

White Background



This preview shows how the Hex color 5D7EB6 looks on a white background.

Color Contrast Check

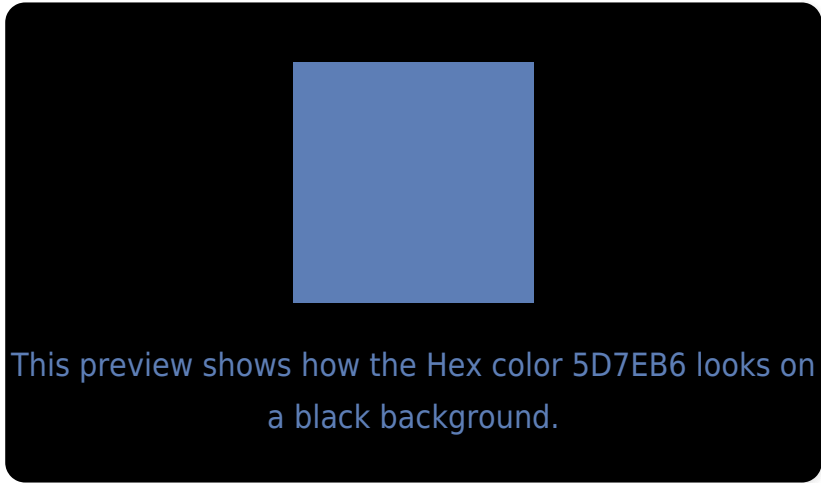
Large Text (above 18pt) WCAG AA ✓ Pass

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

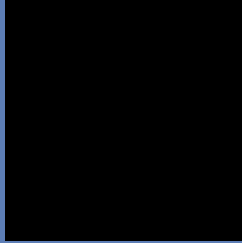
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

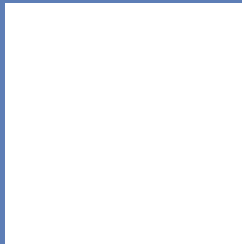
Any Text WCAG AAA × Fail

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

Hex 5D7EB6 Background



This preview shows how black text looks on a background with the Hex color 5D7EB6.

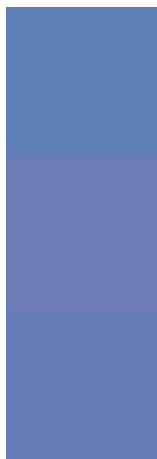


This preview shows how white text looks on a background with the Hex color 5D7EB6.

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
5D7EB6

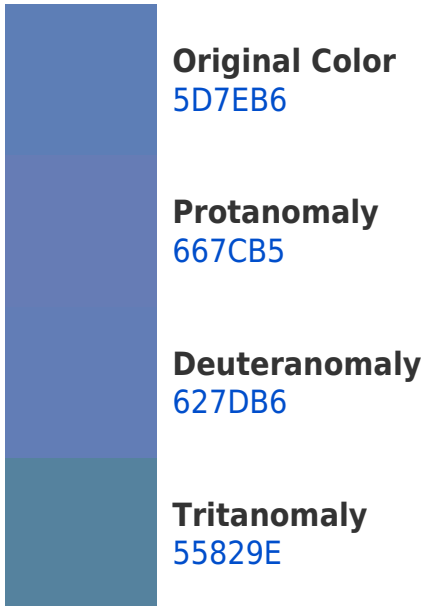
Protanopia
6B7BB4

Deuteranopia
657CB6



Tritanopia
518590

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5D7EB6 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 #5D7EB6 looks like.

```
.text, #text, p{  
    color:#5D7EB6  
}
```

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 #5D7EB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D7EB6
}
```

Border

The CSS property to change the border of an element to Hex 5D7EB6 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
#5D7EB6 }
```

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

```
.border{ border-color:#5D7EB6 }
```

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

Here you see how a box with a 4 pixel #5D7EB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D7EB6; -webkit-box-shadow:4px 4px  
4px 4px #5D7EB6; box-shadow:4px 4px 4px  
4px #5D7EB6 }
```

Background

The CSS property to change the background color of an element to Hex 5D7EB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D7EB6 }
```

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

```
.background{ background-color:#5D7EB6 }
```

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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