

Converting Colors

Hex(6D5EA1)

Have a look what the booklet for
Hex(6D5EA1) contains.

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Color

Hex(6D5EA1)

Conversions

Conversions Part 1

Format	Color
Hex	6D5EA1
RGB	109, 94, 161
RGB Percent	43%, 37%, 63%
CMY	0.5725, 0.6314, 0.3686
CMYK	0.32, 0.42, 0.00, 0.37
HSL	253°, 26%, 50%
HSV	253°, 42%, 63%
XYZ	16.7424, 13.8298, 35.5052
YIQ	106.1230, -12.5670, 24.0170

Conversions

Conversions Part 2

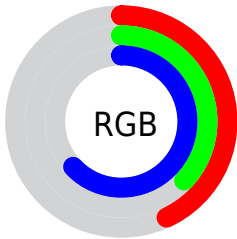
Format	Color
R_{YB}	109, 94, 161
Decimal	7167649
CIE _{Lab}	43.99, 21.71, -34.23
CIE _{LCh}	44, 40.539, 302.388
Yxy	13.8298, 0.2534, 0.2093
Android (android.graphics.Color)	4285357729 (0xFF6D5EA1)
YUV	106.1230, 27.0544, 2.5231
Hunter-Lab	37.1885, 15.2816, -30.5744

Details

The Hex color **6D5EA1** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **92A15E**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **A291D8**, and **3A306D** is the 20% darker color. If you saturate the color by 10%, you get **614EA1**, and if you desaturate by 10%, it is **796EA1**.

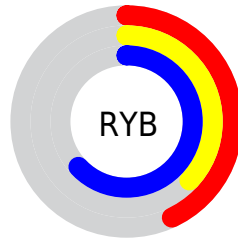
Distribution



Red (43%)

Green (37%)

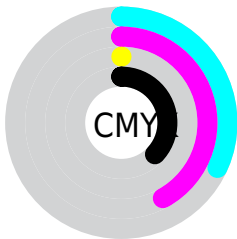
Blue (63%)



Red (43%)

Yellow (37%)

Blue (63%)

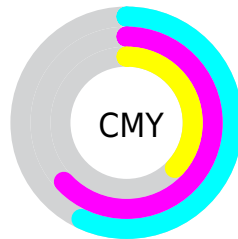


Cyan (32%)

Magenta (42%)

Yellow (0%)

Black (37%)



Cyan (57%)

Magenta (63%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D5EA1 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 6D5EA1 by changing the saturation by 10% instead.

6D5EA1

6D5EA1

FFFFFF

534687

A291D8

3A306D

BEABF5

211A54

DAC6FF

07033D

F7E3FF

000326

00010F

000000

6D5EA1

6D5EA1

614EA1

796EA1

■ 543EA1

■ 867EA1

■ 482EA1

■ 928EA1

■ 3B1EA1

■ 9F9EA1

■ 2F0DA1

■ ABAFA1

■ 2400A1

■ B8BFA1

■ C4CFA1

■ D1DFA1

■ DDEFA1

Harmonies

Analogous

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



266BAB



6D5EA1



935188

Triad

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



6D5EA1



935B2C



00796A

Complementary

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



6D5EA1



92A15E

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.



257647



6D5EA1



786720

Square

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



6D5EA1



A44F46



56702C



00788B

Rectangle

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



6D5EA1



A14B72



56702C



00785E

Sweetspot

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



6D5EA1



BEB8D1



5E92A1



5D5A69



E8E8E8



696969

Same Dimension

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



6D5EA1



8069D1



8E5EA1



4B4952



210091



040012

Inverse Universe

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



A15E92



D169BA



71A15E



524950



910071



12000E

Previews

White Background



This preview shows how the Hex color 6D5EA1 looks on a white background.

Color Contrast Check

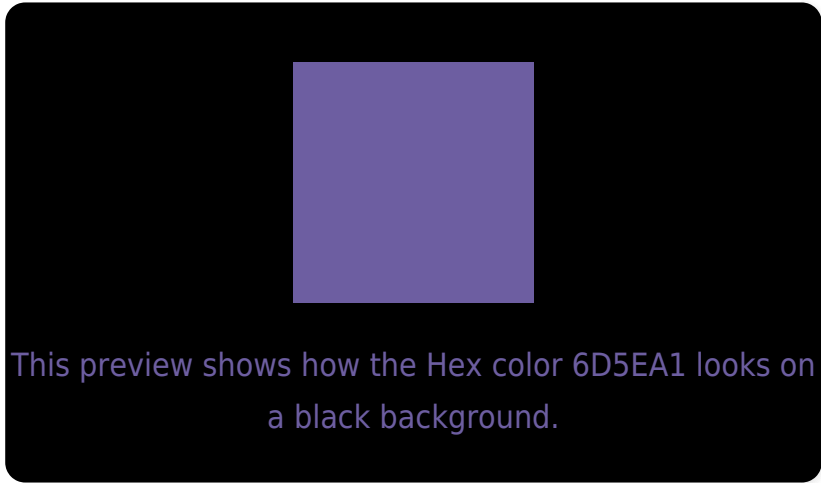
Large Text (above 18pt) WCAG AA ✓ Pass

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 6D5EA1 Background



This preview shows how black text looks on a background with the Hex color 6D5EA1.



This preview shows how white text looks on a background with the Hex color 6D5EA1.

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
6D5EA1

Protanopia
4E66A8

Deuteranopia
4D689F



Tritanopia
636871

Trichromacy



Original Color
6D5EA1

Protanomaly
5963A5

Deuteranomaly
5964A0

Tritanomaly
676482

Monochromacy



Original Color
6D5EA1

Achromatopsia
6A6A6A

Achromatomaly
6B667E

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D5EA1 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 #6D5EA1 looks like.

```
.text, #text, p{  
    color:#6D5EA1  
}
```

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 #6D5EA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D5EA1
}
```

Border

The CSS property to change the border of an element to Hex 6D5EA1 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
#6D5EA1 }
```

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

```
.border{ border-color:#6D5EA1 }
```

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

Here you see how a box with a 4 pixel #6D5EA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D5EA1; -webkit-box-shadow:4px 4px  
4px 4px #6D5EA1; box-shadow:4px 4px 4px  
4px #6D5EA1 }
```

Background

The CSS property to change the background color of an element to Hex 6D5EA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D5EA1 }
```

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

```
.background{ background-color:#6D5EA1 }
```

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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