

Converting Colors

Hex(6D5EAA)

Have a look what the booklet for
Hex(6D5EAA) contains.

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Color

Hex(6D5EAA)

Conversions

Conversions Part 1

Format	Color
Hex	6D5EAA
RGB	109, 94, 170
RGB Percent	43%, 37%, 67%
CMY	0.5725, 0.6314, 0.3333
CMYK	0.36, 0.45, 0.00, 0.33
HSL	252°, 31%, 52%
HSV	252°, 45%, 67%
XYZ	17.5651, 14.1589, 39.8374
YIQ	107.1490, -15.4560, 26.8160

Conversions

Conversions Part 2

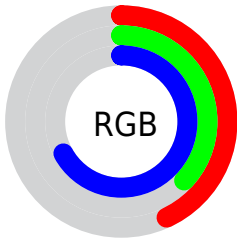
Format	Color
R_{YB}	109, 94, 170
Decimal	7167658
CIE _{Lab}	44.46, 24.20, -38.80
CIE _{LCh}	44, 45.730, 301.947
Yxy	14.1589, 0.2455, 0.1979
Android (android.graphics.Color)	4285357738 (0xFF6D5EAA)
YUV	107.1490, 30.9855, 1.6233
Hunter-Lab	37.6283, 17.4751, -36.4309

Details

The Hex color **6D5EAA** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **9BAA5E**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **A391E2**, and **393075** is the 20% darker color. If you saturate the color by 10%, you get **5F4DAA**, and if you desaturate by 10%, it is **7B6FAA**.

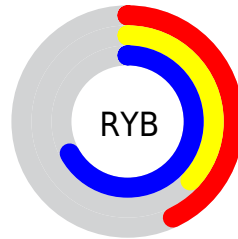
Distribution



Red (43%)

Green (37%)

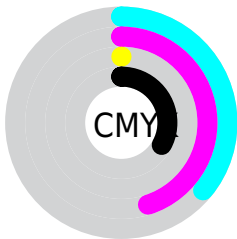
Blue (67%)



Red (43%)

Yellow (37%)

Blue (67%)

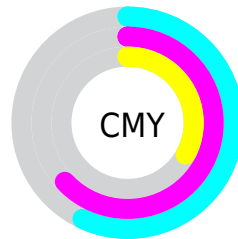


Cyan (36%)

Magenta (45%)

Yellow (0%)

Black (33%)



Cyan (57%)

Magenta (63%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D5EAA 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 6D5EAA by changing the saturation by 10% instead.

6D5EAA

6D5EAA

FFFFFF

53468F

A391E2

393075

BFABFF

1E1A5C

DBC7FF

000444

F8E3FF

00032D

000118

000000

6D5EAA

6D5EAA

5F4DAA

7B6FAA

■ 523CAA

■ 8880AA

■ 442BAA

■ 9691AA

■ 361AAA

■ A4A2AA

■ 2909AA

■ B1B3AA

■ 2200AA

■ BFC4AA

■ CDD5AA

■ DAE6AA

■ E8F7AA

Harmonies

Analogous

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



006DB5



6D5EAA



994E8E

Triad

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



6D5EAA



995A25



007B6B

Complementary

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



6D5EAA



9BAA5E

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.



147944



6D5EAA



7B6815

Square

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



6D5EAA



AB4B43



547223



007B90

Rectangle

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



6D5EAA



A94775



547223



007B5D

Sweetspot

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



6D5EAA



C7C1DE



5E9CAA



625E70



F0F0F0



707070

Same Dimension

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



6D5EAA



7E66DE



925EAA



4D4C54



1D0094



040014

Inverse Universe

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



AA5E9B



DE66C6



76AA5E



544C52



940077



140010

Previews

White Background



This preview shows how the Hex color 6D5EAA looks on a white background.

Color Contrast Check

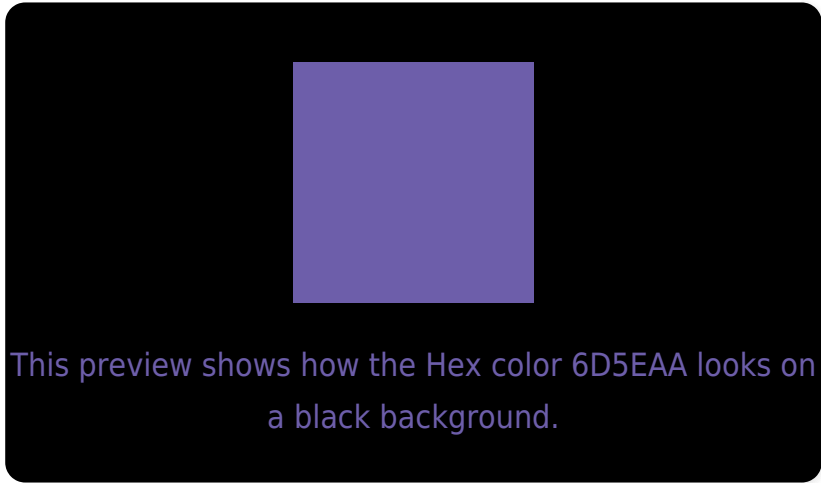
Large Text (above 18pt) WCAG AA ✓ Pass

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 6D5EAA Background



This preview shows how black text looks on a background with the Hex color 6D5EAA.



This preview shows how white text looks on a background with the Hex color 6D5EAA.

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](#).

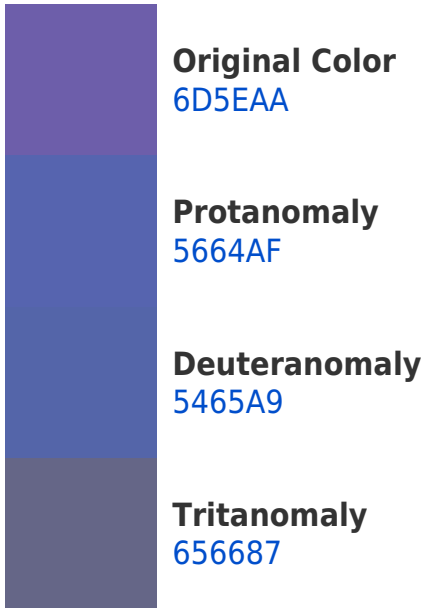
Dichromacy





Tritanopia
616A73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6D5EAA 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 #6D5EAA looks like.

```
.text, #text, p{  
    color:#6D5EAA  
}
```

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 #6D5EAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D5EAA
}
```

Border

The CSS property to change the border of an element to Hex 6D5EAA 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
#6D5EAA }
```

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

```
.border{ border-color:#6D5EAA }
```

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

Here you see how a box with a 4 pixel #6D5EAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D5EAA; -webkit-box-shadow:4px 4px  
4px 4px #6D5EAA; box-shadow:4px 4px 4px  
4px #6D5EAA }
```

Background

The CSS property to change the background color of an element to Hex 6D5EAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D5EAA }
```

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

```
.background{ background-color:#6D5EAA }
```

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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