

# Converting Colors

Hex(6D88A5)

Have a look what the booklet for  
Hex(6D88A5) contains.

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# Color

**Hex(6D88A5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D88A5
RGB	109, 136, 165
RGB Percent	43%, 53%, 65%
CMY	0.5725, 0.4667, 0.3529
CMYK	0.34, 0.18, 0.00, 0.35
HSL	211°, 24%, 54%
HSV	211°, 34%, 65%
XYZ	21.9024, 23.5761, 38.9936
YIQ	131.2330, -25.4010, 3.2950

# Conversions

## Conversions Part 2

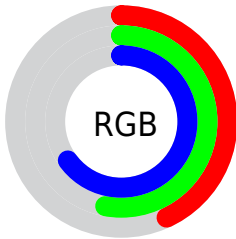
<b>Format</b>	<b>Color</b>
<b>RYB</b>	109, 127, 165
Decimal	7178405
CIELab	55.66, -2.34, -18.47
CIELCh	56, 18.623, 262.773
Yxy	23.5761, 0.2593, 0.2791
Android (android.graphics.Color)	4285368485 (0xFF6D88A5)
YUV	131.2330, 16.6471, -19.4983
Hunter-Lab	48.5553, -4.4537, -13.6257

# Details

The Hex color **6D88A5** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **A58A6D**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **A2BDDC**, and **3B5671** is the 20% darker color. If you saturate the color by 10%, you get **5C7FA5**, and if you desaturate by 10%, it is **7D91A5**.

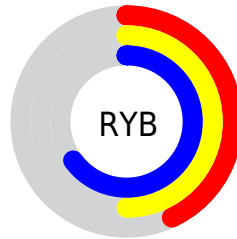
# Distribution



Red (43%)

Green (53%)

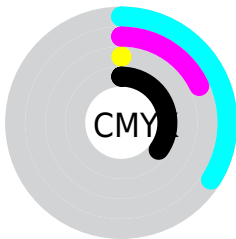
Blue (65%)



Red (43%)

Yellow (50%)

Blue (65%)

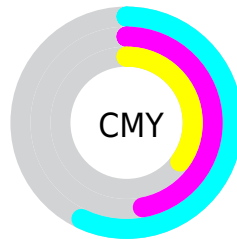


Cyan (34%)

Magenta (18%)

Yellow (0%)

Black (35%)



Cyan (57%)

Magenta (47%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D88A5 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 6D88A5 by changing the saturation by 10% instead.





6D88A5



6D88A5

FFFFFF



546F8B



A2BDDC



3B5671



BDD9F9



223F59



DAF5FF



062941



F6FFFF



00152B



000116



000000



6D88A5



6D88A5



5C7FA5



7D91A5

■ 4C77A5

■ 8E99A5

■ 3B6EA5

■ 9EA2A5

■ 2B66A5

■ AFAAA5

■ 1B5DA5

■ BFB3A5

■ 0A55A5

■ D0BBA5

■ 0050A5

■ E0C4A5

■ F1CCA5

■ FFD5A5

# Harmonies

## Analogous

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



5C8C9E



6D88A5



8383A3

# Triad

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



6D88A5



A77A7A



728C71

# Complementary

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



6D88A5



A58A6D

# 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.



848867



6D88A5



A27E6C

# Square

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



6D88A5



A37A8A



958366



618E81

# Rectangle

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



6D88A5



917F9D



958366



788B6D



# Sweetspot

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



6D88A5



C1CBD6



6DA58A



5E646B



EBEBEB



6B6B6B



# Same Dimension

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



6D88A5



7EA9D6



6E6DA5



494D52



004691



000912



# Inverse Universe

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



A56D88



D67EA9



A4A56D



52494D



910046

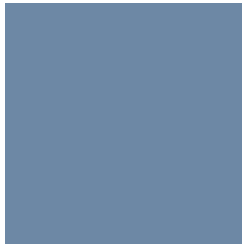


120009



# Previews

## White Background



This preview shows how the Hex color 6D88A5 looks on a white background.

## Color Contrast Check

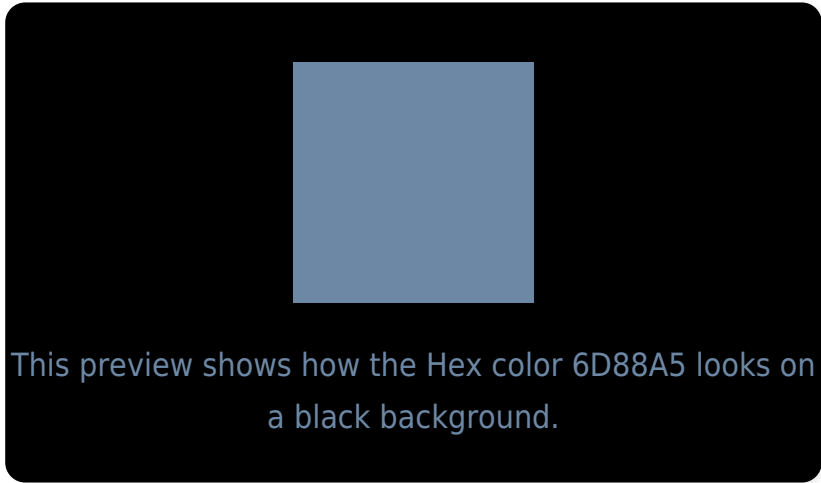
Large Text (above 18pt) WCAG AA ✓ Pass

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

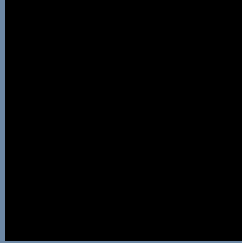
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

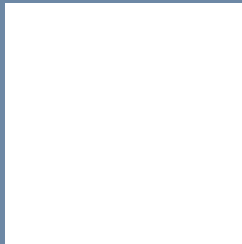
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6D88A5 Background



This preview shows how black text looks on a background with the Hex color 6D88A5.



This preview shows how white text looks on a background with the Hex color 6D88A5.

# 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**  
6D88A5

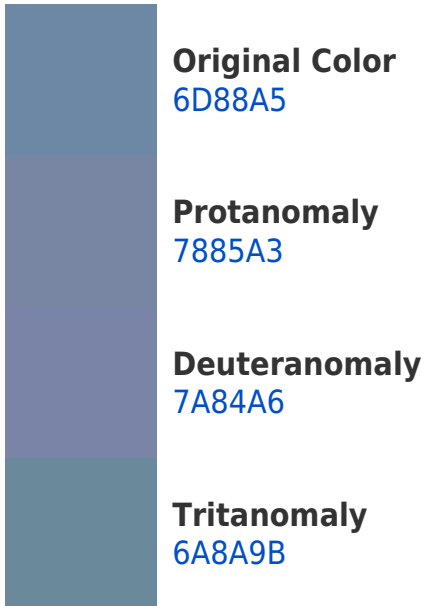
**Protanopia**  
7E84A2

**Deuteranopia**  
8182A6



**Tritanopia**  
698B96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D88A5 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 #6D88A5 looks like.

```
.text, #text, p{  
    color:#6D88A5  
}
```

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 #6D88A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D88A5
}
```

## Border

The CSS property to change the border of an element to Hex 6D88A5 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
#6D88A5 }
```

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

```
.border{ border-color:#6D88A5 }
```

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

Here you see how a box with a 4 pixel #6D88A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D88A5; -webkit-box-shadow:4px 4px  
4px 4px #6D88A5; box-shadow:4px 4px 4px  
4px #6D88A5 }
```

# Background

The CSS property to change the background color of an element to Hex 6D88A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D88A5 }
```

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

```
.background{ background-color:#6D88A5 }
```

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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