

Converting Colors

Hex(6D75A8)

Have a look what the booklet for
Hex(6D75A8) contains.

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Color

Hex(6D75A8)

Conversions

Conversions Part 1

Format	Color
Hex	6D75A8
RGB	109, 117, 168
RGB Percent	43%, 46%, 66%
CMY	0.5725, 0.5412, 0.3412
CMYK	0.35, 0.30, 0.00, 0.34
HSL	232°, 25%, 54%
HSV	232°, 35%, 66%
XYZ	19.7358, 18.8009, 39.6345
YIQ	120.4220, -21.1390, 14.1650

Conversions

Conversions Part 2

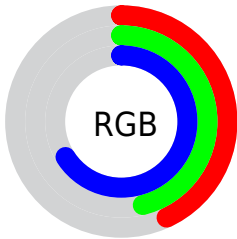
Format	Color
R_{YB}	109, 116, 168
Decimal	7173544
CIE _{Lab}	50.45, 9.64, -28.23
CIE _{LCh}	50, 29.829, 288.860
Yxy	18.8009, 0.2525, 0.2405
Android (android.graphics.Color)	4285363624 (0xFF6D75A8)
YUV	120.4220, 23.4560, -10.0171
Hunter-Lab	43.3601, 5.3663, -23.8437

Details

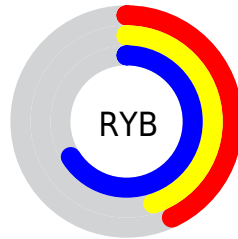
The Hex color **6D75A8** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A8A06D**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **A2A9DF**, and **3A4574** is the 20% darker color. If you saturate the color by 10%, you get **5C66A8**, and if you desaturate by 10%, it is **7E84A8**.

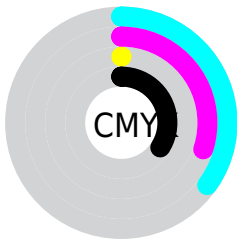
Distribution



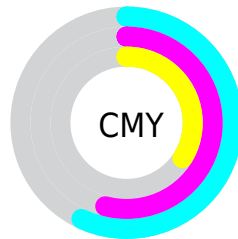
- Red (43%)
- Green (46%)
- Blue (66%)



- Red (43%)
- Yellow (45%)
- Blue (66%)



- Cyan (35%)
- Magenta (30%)
- Yellow (0%)
- Black (34%)



- Cyan (57%)
- Magenta (54%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D75A8 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 6D75A8 by changing the saturation by 10% instead.

■ 6D75A8

■ 6D75A8

FFFFFF

■ 535C8D

■ A2A9DF

■ 3A4574

■ BEC4FC

■ 212F5B

■ DAE0FF

■ 031A43

■ F7FDFF

■ 00002D

■ 000117

■ 000000

■ 6D75A8

■ 6D75A8

■ 5C66A8

■ 7E84A8

 4B58A8

 8F92A8

 3B49A8

 9FA1A8

 2A3BA8

 B0AFA8

 192CA8

 C1BEA8

 081EA8

 D2CCA8

 0017A8

 E3DBA8

 F3E9A8

 FFF8A8

Harmonies

Analogous

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



427DA9



6D75A8



8F6C9A

Triad

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



6D75A8



A36B53



3A856D

Complementary

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



6D75A8



A8A06D

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.



5C8256



6D75A8



917346

Square

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



6D75A8



AA6569



797C47



108688

Rectangle

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



6D75A8



9E678B



797C47



468465

Sweetspot

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



6D75A8



C3C6DB



6DA89F



5F616E



EDEDED



6E6E6E

Same Dimension

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



6D75A8



7F8CDB



826DA8



4C4D54



001494



000314

Inverse Universe

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



A86D75



DB7F8C



93A86D



544C4D



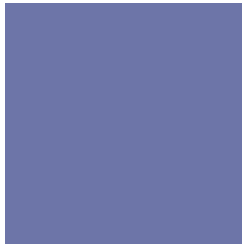
940014



140003

Previews

White Background



This preview shows how the Hex color 6D75A8 looks on a white background.

Color Contrast Check

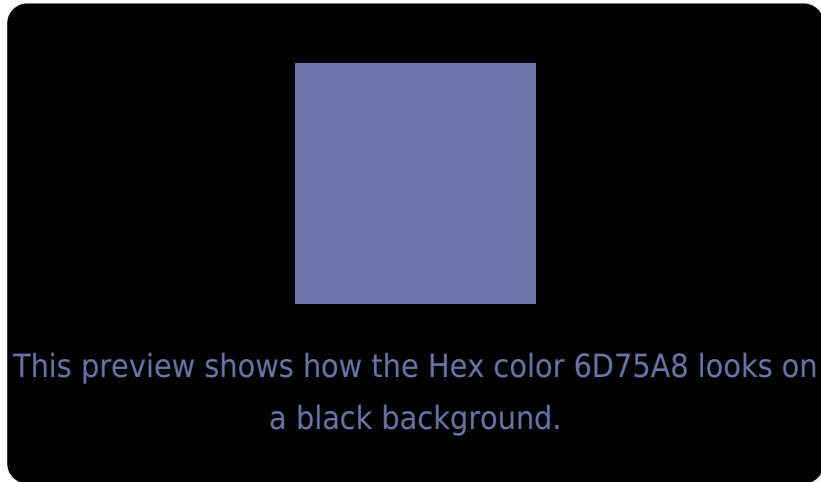
Large Text (above 18pt) WCAG AA ✓ Pass

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

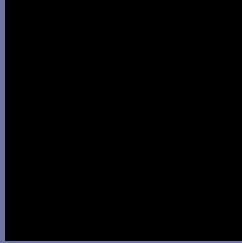
Any Text WCAG AA ✓ Pass

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 6D75A8 Background



This preview shows how black text looks on a background with the Hex color 6D75A8.



This preview shows how white text looks on a background with the Hex color 6D75A8.

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
6D75A8

Protanopia
6876A9

Deuteranopia
6877A8



Tritanopia
657C86

Trichromacy



Original Color
6D75A8

Protanomaly
6A76A9

Deuteranomaly
6A76A8

Tritanomaly
687992

Monochromacy



Original Color
6D75A8

Achromatopsia
787878

Achromatomaly
747789

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D75A8 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 #6D75A8 looks like.

```
.text, #text, p{  
    color:#6D75A8  
}
```

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 #6D75A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D75A8
}
```

Border

The CSS property to change the border of an element to Hex 6D75A8 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
#6D75A8 }
```

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

```
.border{ border-color:#6D75A8 }
```

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

Here you see how a box with a 4 pixel #6D75A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D75A8; -webkit-box-shadow:4px 4px  
4px 4px #6D75A8; box-shadow:4px 4px 4px  
4px #6D75A8 }
```

Background

The CSS property to change the background color of an element to Hex 6D75A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D75A8 }
```

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

```
.background{ background-color:#6D75A8 }
```

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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