

Converting Colors

Hex(6A75B5)

Have a look what the booklet for
Hex(6A75B5) contains.

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Color

Hex(6A75B5)

Conversions

Conversions Part 1

Format	Color
Hex	6A75B5
RGB	106, 117, 181
RGB Percent	42%, 46%, 71%
CMY	0.5843, 0.5412, 0.2902
CMYK	0.41, 0.35, 0.00, 0.29
HSL	231°, 34%, 56%
HSV	231°, 41%, 71%
XYZ	20.6456, 19.1229, 46.3190
YIQ	121.0070, -27.1000, 17.5720

Conversions

Conversions Part 2

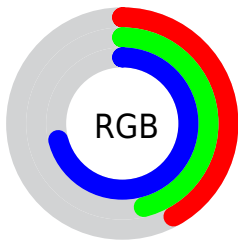
Format	Color
R _Y B	106, 116, 181
Decimal	6976949
CIE Lab	50.83, 12.50, -35.19
CIE LCh	51, 37.345, 289.552
Yxy	19.1229, 0.2398, 0.2221
Android (android.graphics.Color)	4285167029 (0xFF6A75B5)
YUV	121.0070, 29.5765, -13.1611
Hunter-Lab	43.7298, 7.7460, -32.1897

Details

The Hex color **6A75B5** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B5AA6A**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **A0A9ED**, and **354580** is the 20% darker color. If you saturate the color by 10%, you get **5866B5**, and if you desaturate by 10%, it is **7C84B5**.

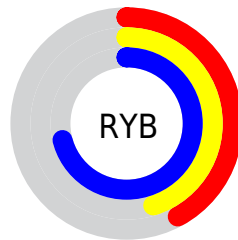
Distribution



Red (42%)

Green (46%)

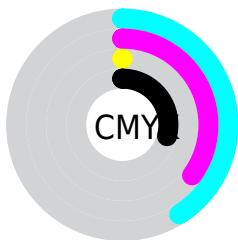
Blue (71%)



Red (42%)

Yellow (45%)

Blue (71%)

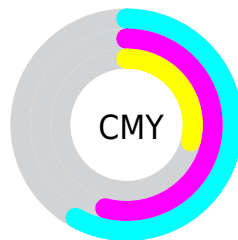


Cyan (41%)

Magenta (35%)

Yellow (0%)

Black (29%)



Cyan (58%)

Magenta (54%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A75B5 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 6A75B5 by changing the saturation by 10% instead.

■ 6A75B5

■ 6A75B5

FFFFFF

■ 505C9A

■ A0A9ED

■ 354580

■ BCC4FF

■ 182F66

■ D8E0FF

■ 001B4E

■ F6FDFF

■ 000037

■ 000221

■ 000005

■ 000000

■ 6A75B5

■ 6A75B5

■ 5866B5

■ 7C84B5

■ 4656B5

■ 8E94B5

■ 3447B5

■ A0A3B5

■ 2237B5

■ B2B3B5

■ 0F28B5

■ C5C2B5

■ 001BB5

■ D7D2B5

■ E9E1B5

■ FBF1B5

■ FFFFB5

Harmonies

Analogous

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



2280B7



6A75B5



9669A3

Triad

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



6A75B5



AC684A



1B896C

Complementary

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



6A75B5



B5AA6A

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.



53854E



6A75B5



967339

Square

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



6A75B5



B56065



787E3B



00898D

Rectangle

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



6A75B5



A86290



787E3B



338862

Sweetspot

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



6A75B5



CED3EB



6AB5AA



656775



F5F5F5



757575

Same Dimension

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



6A75B5



7587EB



846AB5



505259



001699



00041A

Inverse Universe

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



B56A75



EB7587



9BB56A



595052



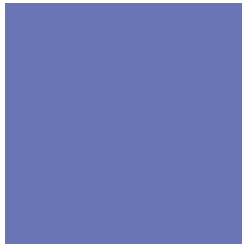
990016



1A0004

Previews

White Background



This preview shows how the Hex color 6A75B5 looks on a white background.

Color Contrast Check

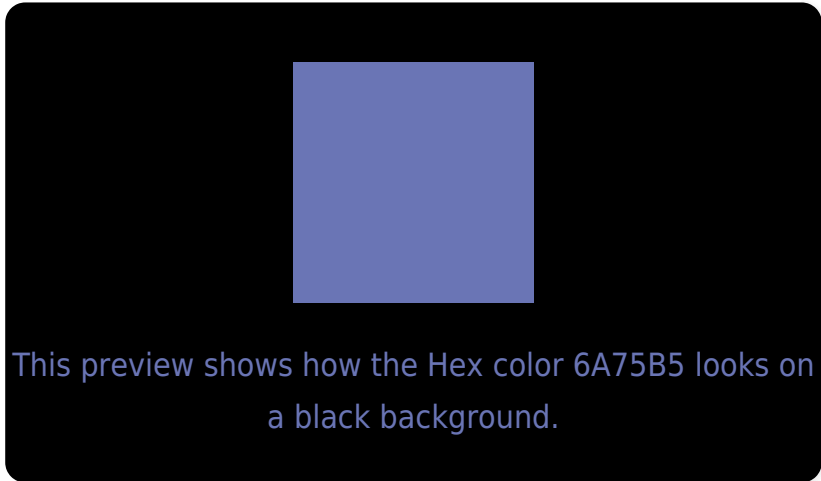
Large Text (above 18pt) WCAG AA ✓ Pass

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

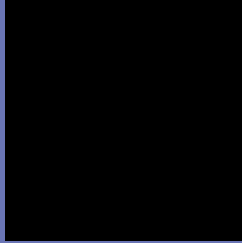
Any Text WCAG AA ✓ Pass

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 6A75B5 Background



This preview shows how black text looks on a background with the Hex color 6A75B5.

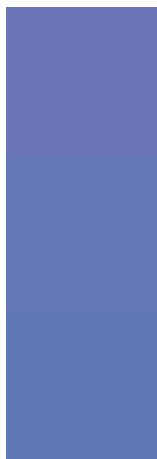


This preview shows how white text looks on a background with the Hex color 6A75B5.

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
6A75B5

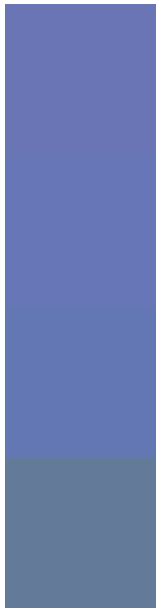
Protanopia
6377B6

Deuteranopia
5E78B4



Tritanopia
5F7E88

Trichromacy



Original Color
6A75B5

Protanomaly
6676B6

Deuteranomaly
6277B4

Tritanomaly
637B98

Monochromacy



Original Color
6A75B5

Achromatopsia
797979

Achromatomaly
74788F

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A75B5 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 #6A75B5 looks like.

```
.text, #text, p{  
    color:#6A75B5  
}
```

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 #6A75B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A75B5  
}
```

Border

The CSS property to change the border of an element to Hex 6A75B5 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  
#6A75B5 }
```

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

```
.border{ border-color:#6A75B5 }
```

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

Here you see how a box with a 4 pixel #6A75B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A75B5; -webkit-box-shadow:4px 4px  
4px 4px #6A75B5; box-shadow:4px 4px 4px  
4px #6A75B5 }
```

Background

The CSS property to change the background color of an element to Hex 6A75B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A75B5 }
```

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

```
.background{ background-color:#6A75B5 }
```

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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