

Converting Colors

Hex(6A6FBD)

Have a look what the booklet for
Hex(6A6FBD) contains.

Hex(6A6FBD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6A6FBD)

Conversions

Conversions Part 1

Format	Color
Hex	6A6FBD
RGB	106, 111, 189
RGB Percent	42%, 44%, 74%
CMY	0.5843, 0.5647, 0.2588
CMYK	0.44, 0.41, 0.00, 0.26
HSL	236°, 39%, 58%
HSV	236°, 44%, 74%
XYZ	20.8136, 18.1072, 50.5422
YIQ	118.3970, -28.0180, 23.1980

Conversions

Conversions Part 2

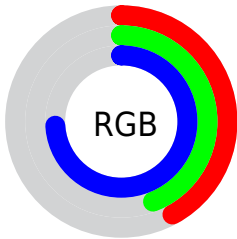
Format	Color
R _{YB}	106, 111, 189
Decimal	6975421
CIE _{Lab}	49.63, 18.50, -41.71
CIE _{LCh}	50, 45.629, 293.925
Yxy	18.1072, 0.2327, 0.2024
Android (android.graphics.Color)	4285165501 (0xFF6A6FBD)
YUV	118.3970, 34.8073, -10.8722
Hunter-Lab	42.5525, 12.8423, -40.6355

Details

The Hex color **6A6FBD** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **BDB86A**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **A1A3F6**, and **334087** is the 20% darker color. If you saturate the color by 10%, you get **575DBD**, and if you desaturate by 10%, it is **7D81BD**.

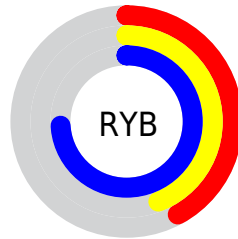
Distribution



Red (42%)

Green (44%)

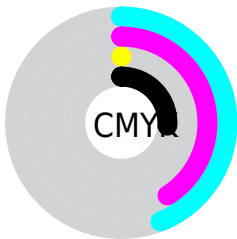
Blue (74%)



Red (42%)

Yellow (44%)

Blue (74%)

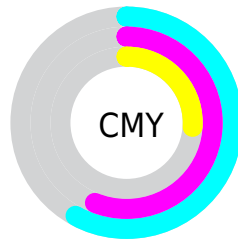


Cyan (44%)

Magenta (41%)

Yellow (0%)

Black (26%)



Cyan (58%)

Magenta (56%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A6FBD 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 6A6FBD by changing the saturation by 10% instead.

■ 6A6FBD

■ 6A6FBD

FFFFFF

■ 4F57A2

■ A1A3F6

■ 334087

■ BDBEFF

■ 132A6D

■ DAD9FF

■ 001655

■ F7F6FF

■ 00003D

■ 000326

■ 00010F

■ 000000

■ 6A6FBD

■ 6A6FBD

■ 575DBD

■ 7D81BD

■ 444BBD

■ 9093BD

■ 313ABD

■ A3A4BD

■ 1E28BD

■ B6B6BD

■ 0C16BD

■ C9C8BD

■ 000BBD

■ DBDABD

■ EEEBBD

■ FFFDBD

■ FFFFBD

Harmonies

Analogous

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



007DC3



6A6FBD



9E5FA4

Triad

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



6A6FBD



AE6238



00886D

Complementary

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



6A6FBD



BDB86A

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.



3C8546



6A6FBD



927124

Square

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



6A6FBD



BD5659



6D7D2A



008994

Rectangle

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



6A6FBD



B2568C



6D7D2A



00885F

Sweetspot

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



6A6FBD



D5D7F5



6ABDB7



67687A



FAFAFA



7A7A7A

Same Dimension

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



6A6FBD



737BF5



8E6ABD



55555E



000A9E



00021F

Inverse Universe

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



BD6A6F



F5737B



99BD6A



5E5555



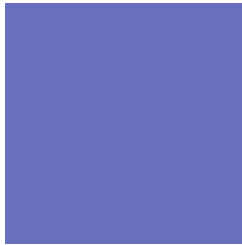
9E000A



1F0002

Previews

White Background



This preview shows how the Hex color 6A6FBD looks on a white background.

Color Contrast Check

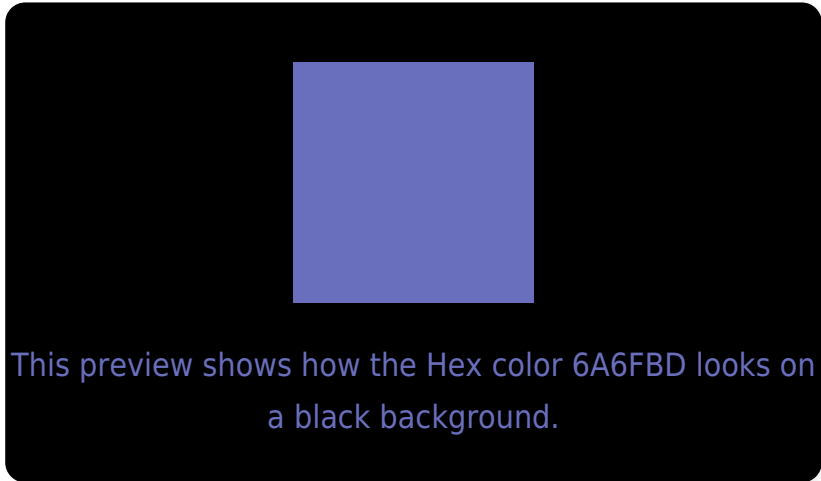
Large Text (above 18pt) WCAG AA ✓ Pass

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

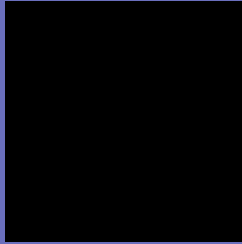
Any Text WCAG AA ✓ Pass

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 6A6FBD Background



This preview shows how black text looks on a background with the Hex color 6A6FBD.

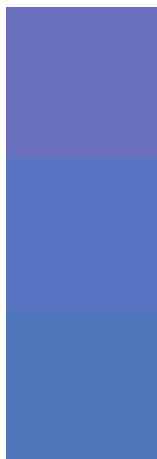


This preview shows how white text looks on a background with the Hex color 6A6FBD.

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
6A6FBD

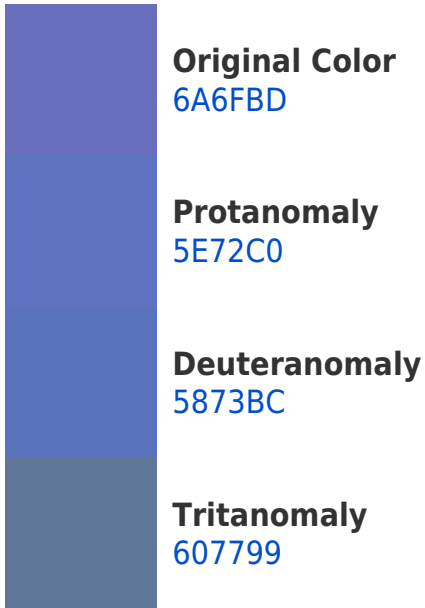
Protanopia
5773C1

Deuteranopia
4E76BB

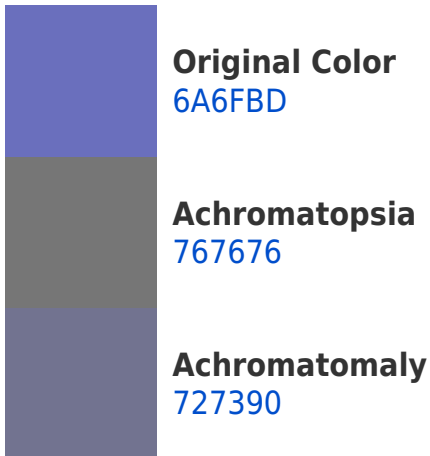


Tritanopia
5B7B85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6A6FBD 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 #6A6FBD looks like.

```
.text, #text, p{  
    color:#6A6FBD  
}
```

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 #6A6FBD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A6FBD
}
```

Border

The CSS property to change the border of an element to Hex 6A6FBD is called "border". The border property can be set on classes, ids or directly on the HTML element.

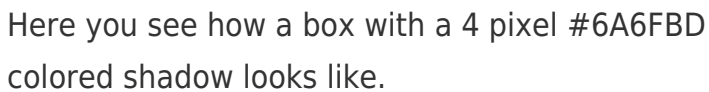
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A6FBD }
```

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

```
.border{ border-color:#6A6FBD }
```

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



Here you see how a box with a 4 pixel #6A6FBD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A6FBD; -webkit-box-shadow:4px 4px  
4px 4px #6A6FBD; box-shadow:4px 4px 4px  
4px #6A6FBD }
```

Background

The CSS property to change the background color of an element to Hex 6A6FBD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A6FBD }
```

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

```
.background{ background-color:#6A6FBD }
```

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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