

Converting Colors

Hex(6A6FA6)

Have a look what the booklet for
Hex(6A6FA6) contains.

Hex(6A6FA6)	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(6A6FA6)

Conversions

Conversions Part 1

Format	Color
Hex	6A6FA6
RGB	106, 111, 166
RGB Percent	42%, 44%, 65%
CMY	0.5843, 0.5647, 0.3490
CMYK	0.36, 0.33, 0.00, 0.35
HSL	235°, 25%, 53%
HSV	235°, 36%, 65%
XYZ	18.5112, 17.1862, 38.4180
YIQ	115.7750, -20.6350, 16.0450

Conversions

Conversions Part 2

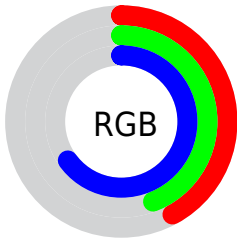
Format	Color
R_{YB}	106, 111, 166
Decimal	6975398
CIE _{Lab}	48.49, 11.83, -30.13
CIE _{LCh}	48, 32.370, 291.444
Yxy	17.1862, 0.2498, 0.2319
Android (android.graphics.Color)	4285165478 (0xFF6A6FA6)
YUV	115.7750, 24.7609, -8.5727
Hunter-Lab	41.4563, 7.1561, -25.9254

Details

The Hex color **6A6FA6** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A6A16A**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **9FA3DD**, and **374072** is the 20% darker color. If you saturate the color by 10%, you get **5960A6**, and if you desaturate by 10%, it is **7B7EA6**.

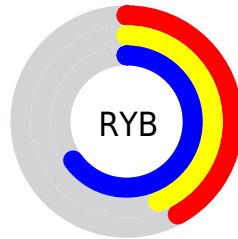
Distribution



Red (42%)

Green (44%)

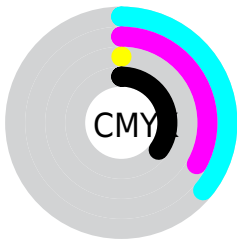
Blue (65%)



Red (42%)

Yellow (44%)

Blue (65%)

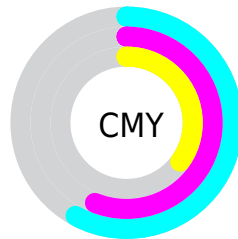


Cyan (36%)

Magenta (33%)

Yellow (0%)

Black (35%)



Cyan (58%)

Magenta (56%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A6FA6 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 6A6FA6 by changing the saturation by 10% instead.

■ 6A6FA6

■ 6A6FA6

FFFFFF

■ 50578B

■ 9FA3DD

■ 374072

■ BBBEFA

■ 1E2A59

■ D7D9FF

■ 001641

■ F4F6FF

■ 00002B

■ 000115

■ 000000

■ 6A6FA6

■ 6A6FA6

■ 5960A6

■ 7B7EA6

■ 4951A6

■ 8B8DA6

■ 3841A6

■ 9C9DA6

■ 2832A6

■ ACACA6

■ 1723A6

■ BDBBA6

■ 0614A6

■ CECAA6

■ 000EA6

■ DEDAA6

■ EFE9A6

■ FFF8A6

Harmonies

Analogous

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



3778A9



6A6FA6



8E6596

Triad

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



6A6FA6



9F6549



28816A

Complementary

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



6A6FA6



A6A16A

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.



517E50



6A6FA6



8B6F3D

Square

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



6A6FA6



A85E61



71783F



008186

Rectangle

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



6A6FA6



9D6085



71783F



378061

Sweetspot

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



6A6FA6



C1C3D9



6AA6A1



5F616E



EDEDED



6E6E6E

Same Dimension

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



6A6FA6



7C83D9



836AA6



4C4C54



000C94



000214

Inverse Universe

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



A66A6F



D97C83



8DA66A



544C4C



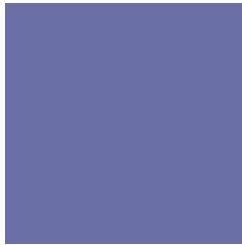
94000C



140002

Previews

White Background



This preview shows how the Hex color 6A6FA6 looks on a white background.

Color Contrast Check

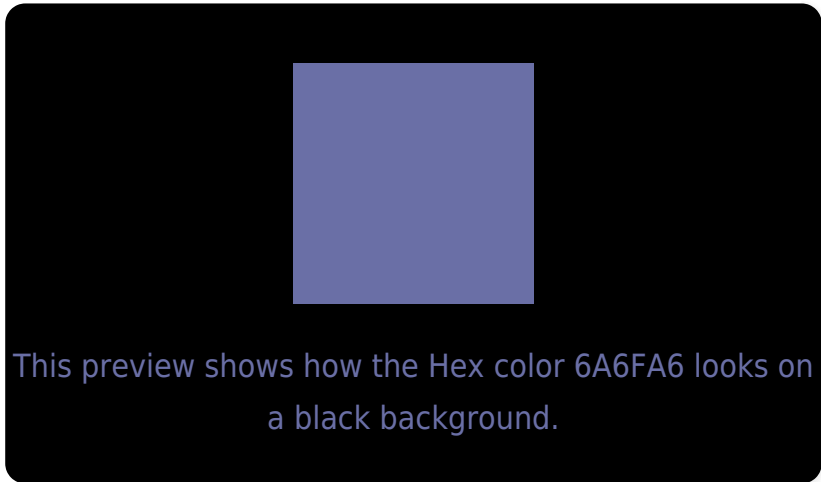
Large Text (above 18pt) WCAG AA ✓ Pass

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

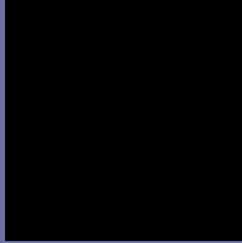
Any Text WCAG AA × Fail

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 6A6FA6 Background



This preview shows how black text looks on a background with the Hex color 6A6FA6.



This preview shows how white text looks on a background with the Hex color 6A6FA6.

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
6A6FA6

Protanopia
6171A8

Deuteranopia
5F72A5



Tritanopia
617780

Trichromacy



Original Color
6A6FA6

Protanomaly
6470A7

Deuteranomaly
6371A5

Tritanomaly
64748E

Monochromacy



Original Color
6A6FA6

Achromatopsia
747474

Achromatomaly
707286

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A6FA6 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 #6A6FA6 looks like.

```
.text, #text, p{  
    color:#6A6FA6  
}
```

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 #6A6FA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A6FA6
}
```

Border

The CSS property to change the border of an element to Hex 6A6FA6 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
#6A6FA6 }
```

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

```
.border{ border-color:#6A6FA6 }
```

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

Here you see how a box with a 4 pixel #6A6FA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A6FA6; -webkit-box-shadow:4px 4px  
4px 4px #6A6FA6; box-shadow:4px 4px 4px  
4px #6A6FA6 }
```

Background

The CSS property to change the background color of an element to Hex 6A6FA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A6FA6 }
```

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

```
.background{ background-color:#6A6FA6 }
```

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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