

Converting Colors

Hex(6868AA)

Have a look what the booklet for
Hex(6868AA) contains.

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Color

Hex(6868AA)

Conversions

Conversions Part 1

Format	Color
Hex	6868AA
RGB	104, 104, 170
RGB Percent	41%, 41%, 67%
CMY	0.5922, 0.5922, 0.3333
CMYK	0.39, 0.39, 0.00, 0.33
HSL	240°, 28%, 54%
HSV	240°, 39%, 67%
XYZ	17.9149, 15.7460, 40.1253
YIQ	111.5240, -21.1860, 20.5260

Conversions

Conversions Part 2

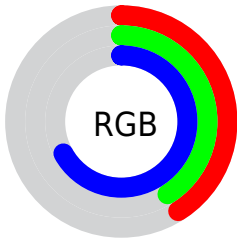
Format	Color
RYB	104, 104, 170
Decimal	6842538
CIELab	46.64, 16.68, -35.39
CIELCh	47, 39.124, 295.237
Yxy	15.7460, 0.2428, 0.2134
Android (android.graphics.Color)	4285032618 (0xFF6868AA)
YUV	111.5240, 28.8287, -6.5985
Hunter-Lab	39.6812, 11.1456, -32.1767

Details

The Hex color **6868AA** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **AAAA68**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **9E9BE2**, and **343975** is the 20% darker color. If you saturate the color by 10%, you get **5757AA**, and if you desaturate by 10%, it is **7979AA**.

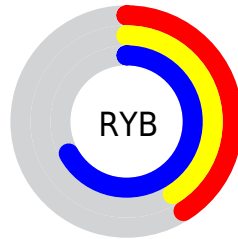
Distribution



Red (41%)

Green (41%)

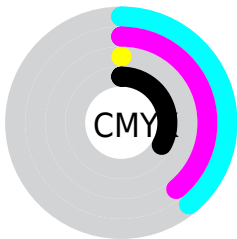
Blue (67%)



Red (41%)

Yellow (41%)

Blue (67%)

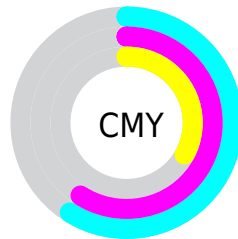


Cyan (39%)

Magenta (39%)

Yellow (0%)

Black (33%)



Cyan (59%)

Magenta (59%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6868AA 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 6868AA by changing the saturation by 10% instead.

■ 6868AA

■ 6868AA

FFFFFF

■ 4E508F

■ 9E9BE2

■ 343975

■ B9B6FE

■ 19245C

■ D6D1FF

■ 001044

■ F3EEFF

■ 00022E

■ 000118

■ 000000

■ 6868AA

■ 6868AA

■ 5757AA

■ 7979AA

4646AA

8A8AAA

3535AA

9B9BAA

2424AA

ACACAA

1313AA

BDBDAA

0202AA

CECEAA

0000AA

DFDFAA

F0F0AA

FFFFAA

Harmonies

Analogous

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



1A74B0



6868AA



925B94

Triad

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



6868AA



9E5F39



007F68

Complementary

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



6868AA



AAAA68

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.



3D7B48



6868AA



866B2B

Square

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



6868AA



AB5554



667530



007F8A

Rectangle

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



6868AA



A35480



667530



087E5D

Sweetspot

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



6868AA



C3C3DE



68AAAA



606070



F0F0F0



707070

Same Dimension

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



6868AA



7676DE



8968AA



4C4C54



000094



000014

Inverse Universe

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



AA68AA



DE76DE



89AA68



544C54



940094



140014

Previews

White Background



This preview shows how the Hex color 6868AA looks on a white background.

Color Contrast Check

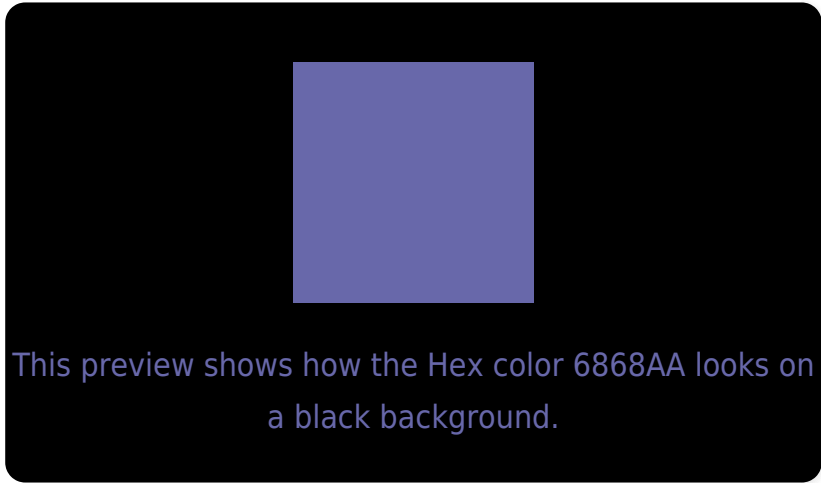
Large Text (above 18pt) WCAG AA ✓ Pass

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

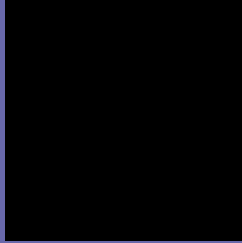
Any Text WCAG AA × Fail

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 6868AA Background



This preview shows how black text looks on a background with the Hex color 6868AA.

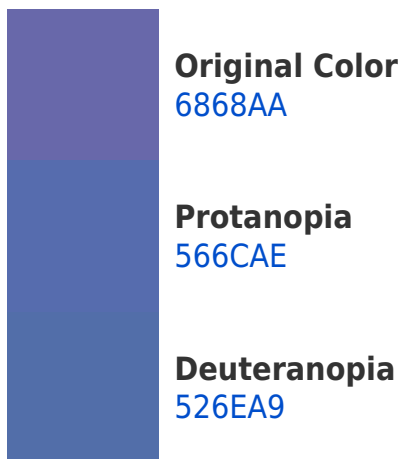


This preview shows how white text looks on a background with the Hex color 6868AA.

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](#).

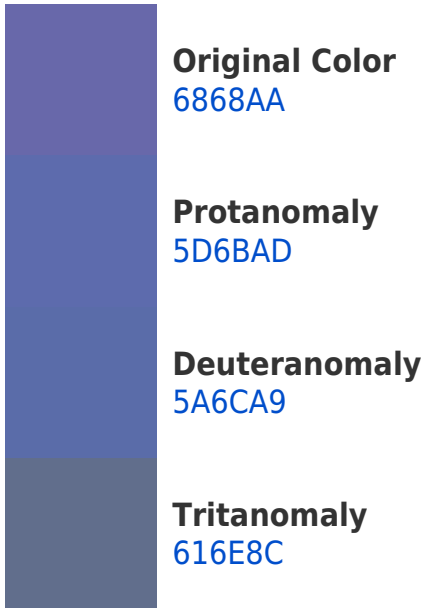
Dichromacy





Tritanopia
5D727B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6868AA 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 #6868AA looks like.

```
.text, #text, p{  
    color:#6868AA  
}
```

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 #6868AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6868AA
}
```

Border

The CSS property to change the border of an element to Hex 6868AA 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
#6868AA }
```

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

```
.border{ border-color:#6868AA }
```

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

Here you see how a box with a 4 pixel #6868AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6868AA; -webkit-box-shadow:4px 4px  
4px 4px #6868AA; box-shadow:4px 4px 4px  
4px #6868AA }
```

Background

The CSS property to change the background color of an element to Hex 6868AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6868AA }
```

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

```
.background{ background-color:#6868AA }
```

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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