

Converting Colors

Hex(6A5498)

Have a look what the booklet for
Hex(6A5498) contains.

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Color

Hex(6A5498)

Conversions

Conversions Part 1

Format	Color
Hex	6A5498
RGB	106, 84, 152
RGB Percent	42%, 33%, 60%
CMY	0.5843, 0.6706, 0.4039
CMYK	0.30, 0.45, 0.00, 0.40
HSL	259°, 29%, 46%
HSV	259°, 45%, 60%
XYZ	14.7817, 11.6718, 31.1796
YIQ	98.3300, -8.7160, 25.8120

Conversions

Conversions Part 2

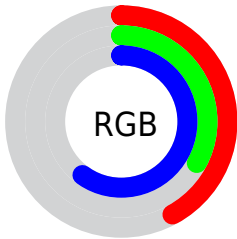
Format	Color
R_{YB}	106, 84, 152
Decimal	6968472
CIE _{Lab}	40.69, 24.53, -34.08
CIE _{LCh}	41, 41.995, 305.744
Yxy	11.6718, 0.2565, 0.2025
Android (android.graphics.Color)	4285158552 (0xFF6A5498)
YUV	98.3300, 26.4593, 6.7266
Hunter-Lab	34.1640, 17.4441, -30.1958

Details

The Hex color **6A5498** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **829854**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **9F86CF**, and **382665** is the 20% darker color. If you saturate the color by 10%, you get **604598**, and if you desaturate by 10%, it is **746398**.

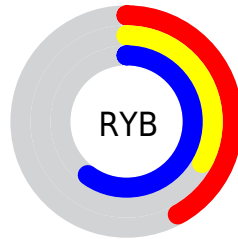
Distribution



Red (42%)

Green (33%)

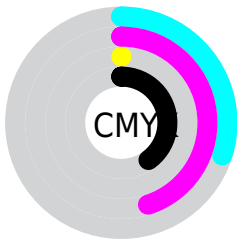
Blue (60%)



Red (42%)

Yellow (33%)

Blue (60%)

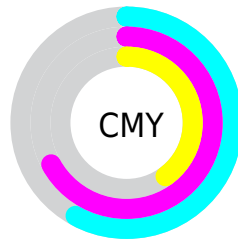


Cyan (30%)

Magenta (45%)

Yellow (0%)

Black (40%)



Cyan (58%)

Magenta (67%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A5498 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 6A5498 by changing the saturation by 10% instead.

■ 6A5498

■ 6A5498

FFFFFF

■ 513D7E

■ 9F86CF

■ 382665

■ BBA0EB

■ 1F114C

■ D7BBFF

■ 0C0035

■ F4D7FF

■ 00021F

■ FFF4FF

■ 000002

■ 000000

■ 6A5498

■ 6A5498

■ 604598

■ 746398

■ 553698

■ 7F7298

■ 4B2698

■ 898298

■ 411798

■ 939198

■ 370898

■ 9DA098

■ 310098

■ A8AF98

■ B2BE98

■ BCCE98

■ C7DD98

Harmonies

Analogous

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



2062A4



6A5498



8F467D

Triad

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



6A5498



88541F



007166

Complementary

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



6A5498



829854

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.



036E42



6A5498



6C6015

Square

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



6A5498



9B463A



486924



007087

Rectangle

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



6A5498



9B4066



486924



00705A

Sweetspot

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



6A5498



B3ABC4



548298



595463



E3E3E3



636363

Same Dimension

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



6A5498



7D5AC4



8C5498



47454D



2D008C



04000D

Inverse Universe

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



985482



C45AA2



609854



4D454A



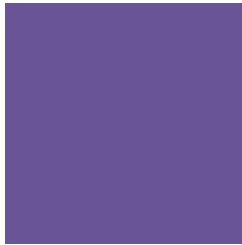
8C005F



0D0009

Previews

White Background



This preview shows how the Hex color 6A5498 looks on a white background.

Color Contrast Check

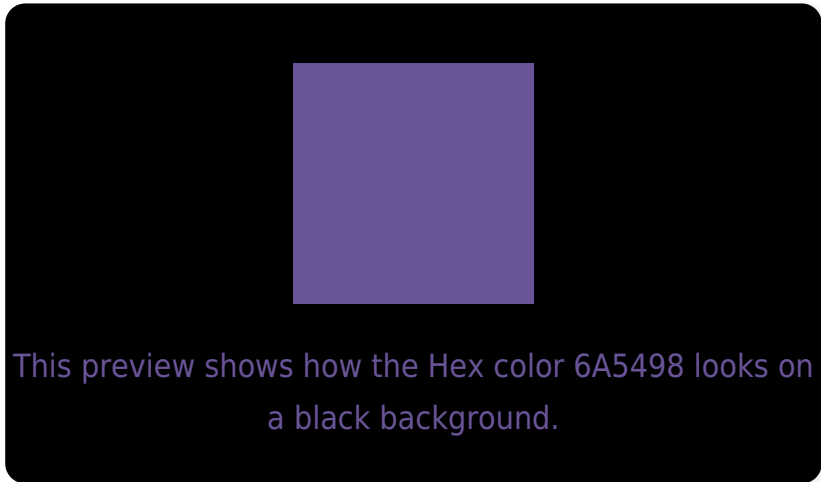
Large Text (above 18pt) WCAG AA ✓ Pass

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

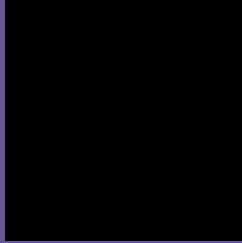
Any Text WCAG AA × Fail

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 6A5498 Background



This preview shows how black text looks on a background with the Hex color 6A5498.

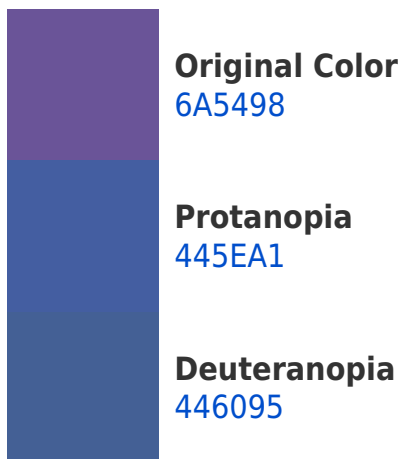


This preview shows how white text looks on a background with the Hex color 6A5498.

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
605F67

Trichromacy



Original Color
6A5498

Protanomaly
525A9E

Deuteranomaly
525C96

Tritanomaly
645B79

Monochromacy



Original Color
6A5498

Achromatopsia
626262

Achromatomaly
655D76

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A5498 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 #6A5498 looks like.

```
.text, #text, p{  
    color:#6A5498  
}
```

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 #6A5498 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A5498  
}
```

Border

The CSS property to change the border of an element to Hex 6A5498 is called "border". The border property can be set on classes, ids or directly on the HTML element.

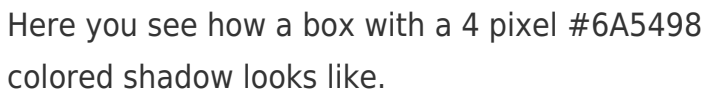
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6A5498 }
```

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

```
.border{ border-color:#6A5498 }
```

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



Here you see how a box with a 4 pixel #6A5498 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A5498; -webkit-box-shadow:4px 4px  
4px 4px #6A5498; box-shadow:4px 4px 4px  
4px #6A5498 }
```

Background

The CSS property to change the background color of an element to Hex 6A5498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A5498 }
```

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

```
.background{ background-color:#6A5498 }
```

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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