

Converting Colors

Hex(6484BB)

Have a look what the booklet for
Hex(6484BB) contains.

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Color

Hex(6484BB)

Conversions

Conversions Part 1

Format	Color
Hex	6484BB
RGB	100, 132, 187
RGB Percent	39%, 52%, 73%
CMY	0.6078, 0.4824, 0.2667
CMYK	0.47, 0.29, 0.00, 0.27
HSL	218°, 39%, 56%
HSV	218°, 47%, 73%
XYZ	22.4764, 22.7997, 50.2299
YIQ	128.7020, -36.7270, 10.3210

Conversions

Conversions Part 2

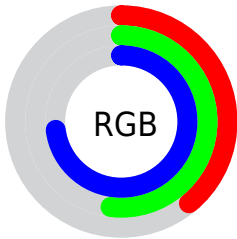
Format	Color
RYB	100, 123, 187
Decimal	6587579
CIELab	54.87, 3.74, -32.35
CIELCh	55, 32.570, 276.595
Yxy	22.7997, 0.2353, 0.2387
Android (android.graphics.Color)	4284777659 (0xFF6484BB)
YUV	128.7020, 28.7409, -25.1717
Hunter-Lab	47.7490, 0.4627, -28.9461

Details

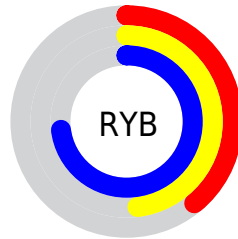
The Hex color **6484BB** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **BB9B64**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **9BB9F3**, and **2D5385** is the 20% darker color. If you saturate the color by 10%, you get **5178BB**, and if you desaturate by 10%, it is **7790BB**.

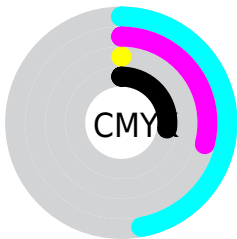
Distribution



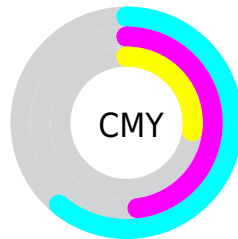
- Red (39%)
- Green (52%)
- Blue (73%)



- Red (39%)
- Yellow (48%)
- Blue (73%)



- Cyan (47%)
- Magenta (29%)
- Yellow (0%)
- Black (27%)



- Cyan (61%)
- Magenta (48%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6484BB 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 6484BB by changing the saturation by 10% instead.

■ 6484BB

■ 6484BB

FFFFFF

■ 496BA0

■ 9BB9F3

■ 2D5385

■ B7D4FF

■ 083C6C

■ D3F1FF

■ 002753

■ F0FFFF

■ 00123C

■ 000226

■ 00010F

■ 000000

■ 6484BB

■ 6484BB

■ 5178BB

■ 7790BB

■ 3F6CBB

■ 899CBB

■ 2C61BB

■ 9CA7BB

■ 1955BB

■ AFB3BB

■ 0649BB

■ C1BFBB

■ 0045BB

■ D4CBBB

■ E7D7BB

■ FAE3BB

■ FFEEBB

Harmonies

Analogous

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



2E8CB6



6484BB



8F7AB1

Triad

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



6484BB



B77163



4E906C

Complementary

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



6484BB



BB9B64

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.



718C55



6484BB



A87A50

Square

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



6484BB



B96D7E



90844A



229289

Rectangle

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



6484BB



A473A3



90844A



5B8F63

Sweetspot

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



6484BB



D0DDF2



64BB9A



666D7A



FAFAFA



7A7A7A

Same Dimension

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



6484BB



6B9CF2



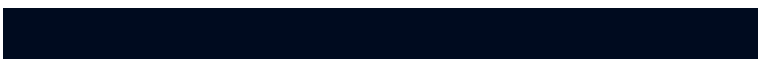
6E64BB



55585E



003A9E



000B1F

Inverse Universe

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



BB6484



F26B9C



B1BB64



5E5558



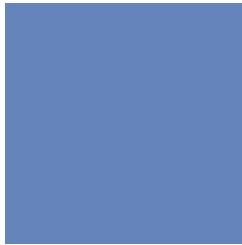
9E003A



1F000B

Previews

White Background



This preview shows how the Hex color 6484BB looks on a white background.

Color Contrast Check

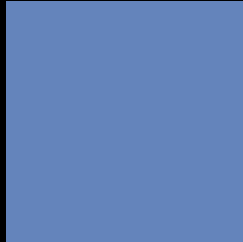
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color 6484BB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

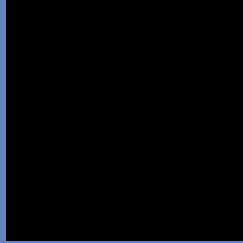
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

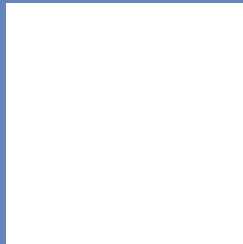
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6484BB Background



This preview shows how black text looks on a background with the Hex color 6484BB.

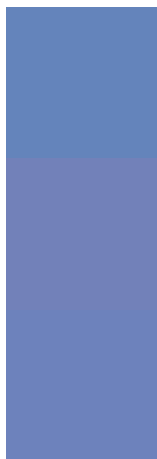


This preview shows how white text looks on a background with the Hex color 6484BB.

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
6484BB

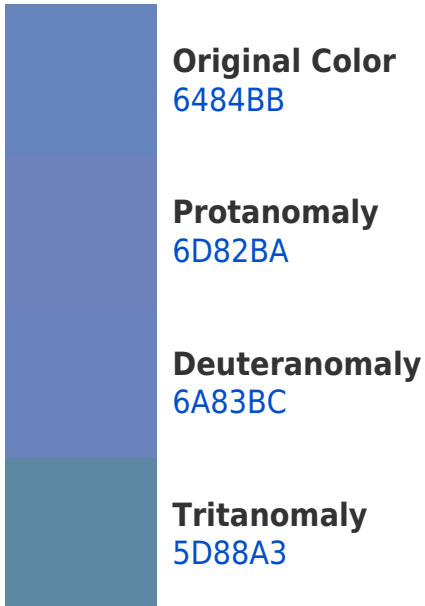
Protanopia
7281B9

Deuteranopia
6D82BC

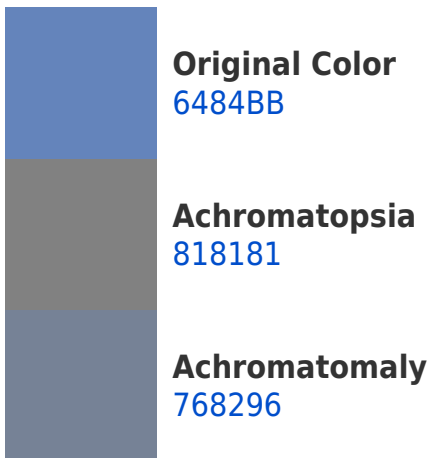


Tritanopia
598B96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6484BB 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 #6484BB looks like.

```
.text, #text, p{  
    color:#6484BB  
}
```

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 #6484BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6484BB  
}
```

Border

The CSS property to change the border of an element to Hex 6484BB 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  
#6484BB }
```

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

```
.border{ border-color:#6484BB }
```

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

Here you see how a box with a 4 pixel #6484BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6484BB; -webkit-box-shadow:4px 4px  
4px 4px #6484BB; box-shadow:4px 4px 4px  
4px #6484BB }
```

Background

The CSS property to change the background color of an element to Hex 6484BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6484BB }
```

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

```
.background{ background-color:#6484BB }
```

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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