

Converting Colors

Hex(6487B3)

Have a look what the booklet for
Hex(6487B3) contains.

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Color

Hex(6487B3)

Conversions

Conversions Part 1

Format	Color
Hex	6487B3
RGB	100, 135, 179
RGB Percent	39%, 53%, 70%
CMY	0.6078, 0.4706, 0.2980
CMYK	0.44, 0.25, 0.00, 0.30
HSL	213°, 34%, 55%
HSV	213°, 44%, 70%
XYZ	22.0562, 23.2919, 45.9811
YIQ	129.5510, -34.9840, 6.2640

Conversions

Conversions Part 2

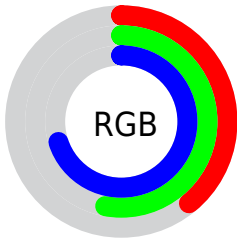
Format	Color
R _Y B	100, 124, 179
Decimal	6588339
CIE Lab	55.37, -0.38, -27.00
CIE LCh	55, 26.998, 269.192
Yxy	23.2919, 0.2415, 0.2550
Android (android.graphics.Color)	4284778419 (0xFF6487B3)
YUV	129.5510, 24.3784, -25.9162
Hunter-Lab	48.2617, -2.8814, -22.7051

Details

The Hex color **6487B3** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **B39064**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **9ABCEB**, and **2F567E** is the 20% darker color. If you saturate the color by 10%, you get **527DB3**, and if you desaturate by 10%, it is **7691B3**.

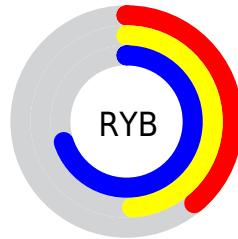
Distribution



Red (39%)

Green (53%)

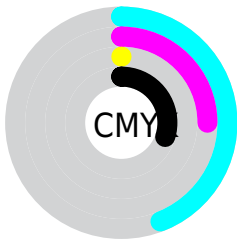
Blue (70%)



Red (39%)

Yellow (49%)

Blue (70%)

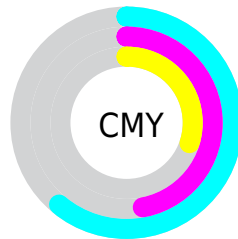


Cyan (44%)

Magenta (25%)

Yellow (0%)

Black (30%)



Cyan (61%)

Magenta (47%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6487B3 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 6487B3 by changing the saturation by 10% instead.

■ 6487B3

■ 6487B3

FFFFFF

■ 4A6E98

■ 9ABCEB

■ 2F567E

■ B6D8FF

■ 0F3F65

■ D2F4FF

■ 00294D

■ EFFFFFF

■ 001436

■ 000220

■ 000004

■ 000000

■ 6487B3

■ 6487B3

■ 527DB3

■ 7691B3

■ 4073B3

■ 889BB3

■ 2E69B3

■ 9AA5B3

■ 1C5FB3

■ ACAFB3

■ 0A55B3

■ BEB9B3

■ 004FB3

■ CFC3B3

■ E1CDB3

■ F3D7B3

■ FFE1B3

Harmonies

Analogous

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



428DAC



6487B3



877FAD

Triad

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



6487B3



B2756F



618F6C

Complementary

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



6487B3



B39064

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.



7D8A5B



6487B3



A87B5D

Square

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



6487B3



B17386



958356



469183

Rectangle

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



6487B3



9A79A3



958356



6B8E65

Sweetspot

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



6487B3



CAD7E8



64B38F



636B75



F5F5F5



757575

Same Dimension

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



6487B3



6DA4E8



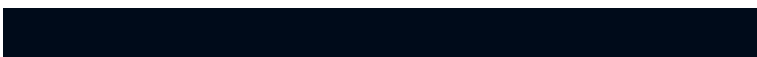
6864B3



505459



004499



000B1A

Inverse Universe

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



B36487



E86DA4



AFB364



595054



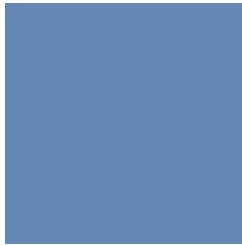
990044



1A000B

Previews

White Background



This preview shows how the Hex color 6487B3 looks on a white background.

Color Contrast Check

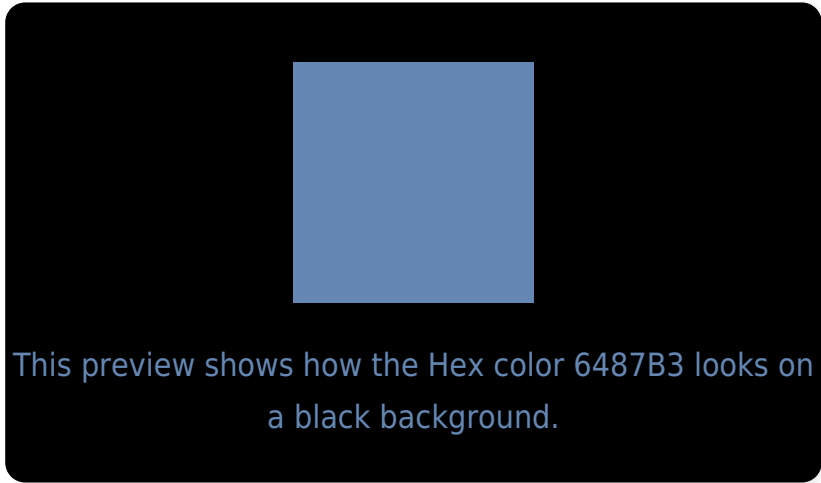
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

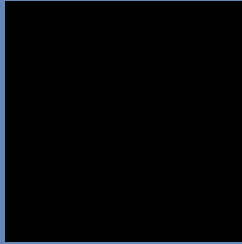
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

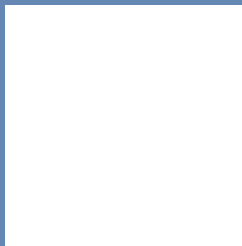
Any Text WCAG AAA × Fail

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

Hex 6487B3 Background



This preview shows how black text looks on a background with the Hex color 6487B3.



This preview shows how white text looks on a background with the Hex color 6487B3.

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
5C8C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6487B3 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 #6487B3 looks like.

```
.text, #text, p{  
    color:#6487B3  
}
```

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 #6487B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6487B3
}
```

Border

The CSS property to change the border of an element to Hex 6487B3 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
#6487B3 }
```

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

```
.border{ border-color:#6487B3 }
```

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

Here you see how a box with a 4 pixel #6487B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6487B3; -webkit-box-shadow:4px 4px  
4px 4px #6487B3; box-shadow:4px 4px 4px  
4px #6487B3 }
```

Background

The CSS property to change the background color of an element to Hex 6487B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6487B3 }
```

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

```
.background{ background-color:#6487B3 }
```

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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