

Converting Colors

Hex(5487B4)

Have a look what the booklet for
Hex(5487B4) contains.

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Color

Hex(5487B4)

Conversions

Conversions Part 1

Format	Color
Hex	5487B4
RGB	84, 135, 180
RGB Percent	33%, 53%, 71%
CMY	0.6706, 0.4706, 0.2941
CMYK	0.53, 0.25, 0.00, 0.29
HSL	208°, 39%, 52%
HSV	208°, 53%, 71%
XYZ	20.5583, 22.5081, 46.4410
YIQ	124.8810, -44.8410, 3.1830

Conversions

Conversions Part 2

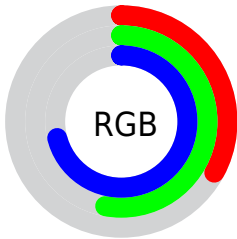
Format	Color
R _Y B	84, 117, 180
Decimal	5539764
CIE Lab	54.56, -4.01, -28.89
CIE LCh	55, 29.167, 262.100
Yxy	22.5081, 0.2297, 0.2515
Android (android.graphics.Color)	4283729844 (0xFF5487B4)
YUV	124.8810, 27.1737, -35.8526
Hunter-Lab	47.4427, -5.6751, -24.8283

Details

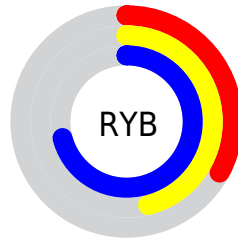
The Hex color **5487B4** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **B48154**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **8BBCEC**, and **16567F** is the 20% darker color. If you saturate the color by 10%, you get **427FB4**, and if you desaturate by 10%, it is **668FB4**.

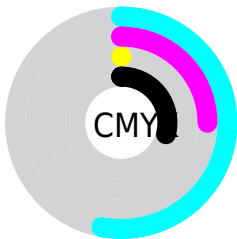
Distribution



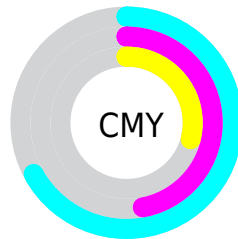
- Red (33%)
- Green (53%)
- Blue (71%)



- Red (33%)
- Yellow (46%)
- Blue (71%)



- Cyan (53%)
- Magenta (25%)
- Yellow (0%)
- Black (29%)



- Cyan (67%)
- Magenta (47%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5487B4 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 5487B4 by changing the saturation by 10% instead.



5487B4



5487B4

FFFFFF



386E99



8BBCEC



16567F



A7D8FF



003E66



C4F4FF



00294E



E1FFFF



001536

FEFFFF



000221



000006



000000



5487B4



5487B4

■ 427FB4

■ 668FB4

■ 3076B4

■ 7898B4

■ 1E6EB4

■ 8AA0B4

■ 0C65B4

■ 9CA9B4

■ 0060B4

■ AEB1B4

■ C0BAB4

■ D2C2B4

■ E4CBB4

■ F6D3B4

Harmonies

Analogous

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



2D8DAA



5487B4



7C7EB1

Triad

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



5487B4



B47071



638D63

Complementary

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



5487B4



B48154

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.



808753



5487B4



AC765C

Square

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



5487B4



AF708A



9A7F51



44907B

Rectangle

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



5487B4



9378A8



9A7F51



6D8B5C

Sweetspot

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



5487B4



C5D9EB



54B481



5F6B75



F5F5F5



757575

Same Dimension

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



5487B4



54A4EB



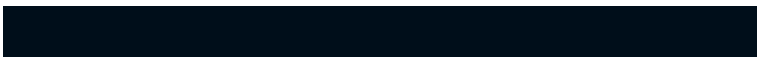
5457B4



505559



005199



000E1A

Inverse Universe

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



B45487



EB54A4



B4B154



595055



990051



1A000E

Previews

White Background



This preview shows how the Hex color 5487B4 looks on a white background.

Color Contrast Check

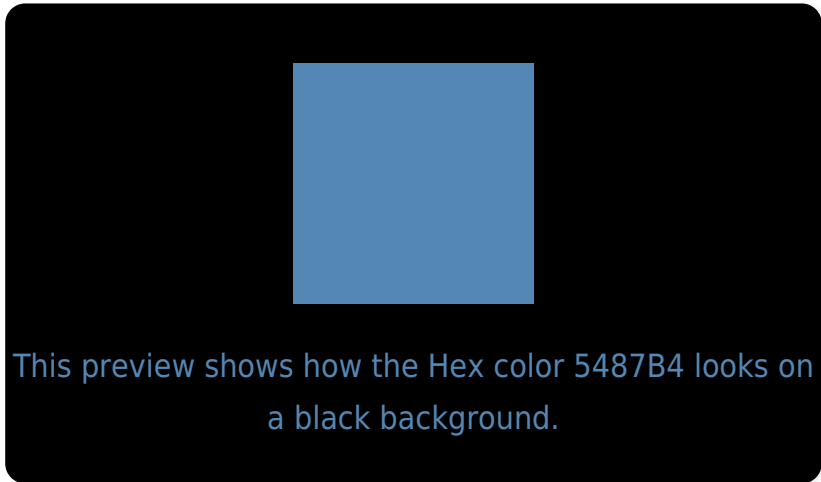
Large Text (above 18pt) WCAG AA ✓ Pass

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

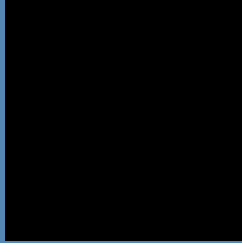
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

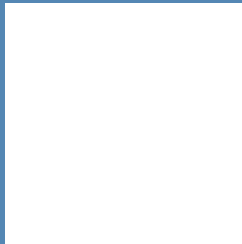
Any Text WCAG AAA × Fail

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

Hex 5487B4 Background



This preview shows how black text looks on a background with the Hex color 5487B4.

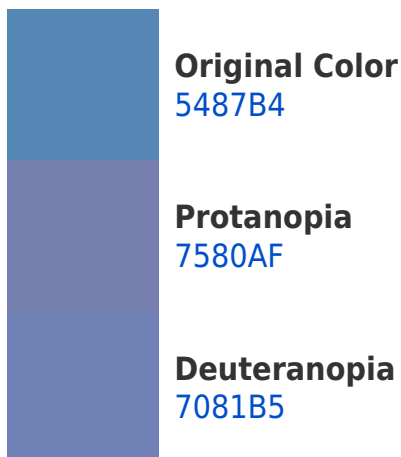


This preview shows how white text looks on a background with the Hex color 5487B4.

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](#).

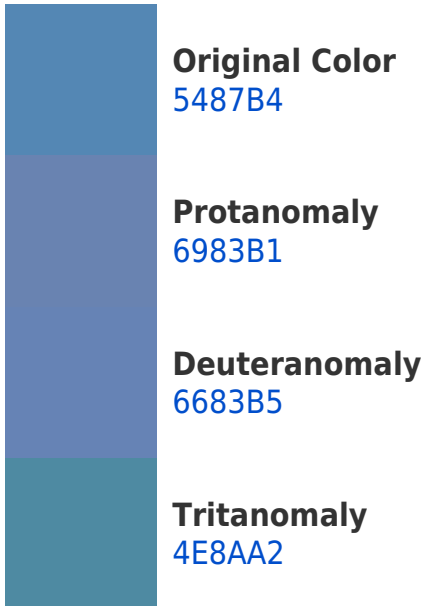
Dichromacy



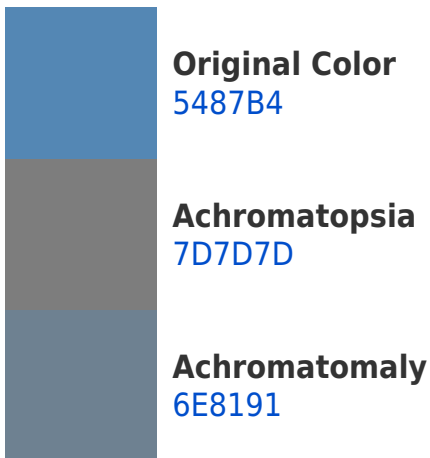


Tritanopia
4A8C98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5487B4 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 #5487B4 looks like.

```
.text, #text, p{  
    color:#5487B4  
}
```

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 #5487B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5487B4
}
```

Border

The CSS property to change the border of an element to Hex 5487B4 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
#5487B4 }
```

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

```
.border{ border-color:#5487B4 }
```

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

Here you see how a box with a 4 pixel #5487B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5487B4; -webkit-box-shadow:4px 4px  
4px 4px #5487B4; box-shadow:4px 4px 4px  
4px #5487B4 }
```

Background

The CSS property to change the background color of an element to Hex 5487B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5487B4 }
```

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

```
.background{ background-color:#5487B4 }
```

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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