

Converting Colors

Hex(5488D2)

Have a look what the booklet for
Hex(5488D2) contains.

Hex(5488D2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5488D2)

Conversions

Conversions Part 1

Format	Color
Hex	5488D2
RGB	84, 136, 210
RGB Percent	33%, 53%, 82%
CMY	0.6706, 0.4667, 0.1765
CMYK	0.60, 0.35, 0.00, 0.18
HSL	215°, 58%, 58%
HSV	215°, 60%, 82%
XYZ	24.0932, 24.1463, 64.3636
YIQ	128.8880, -54.7460, 11.9900

Conversions

Conversions Part 2

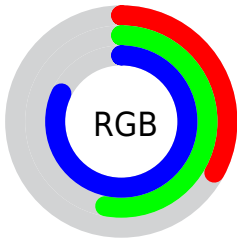
Format	Color
R_{YB}	84, 121, 210
Decimal	5540050
CIE _{Lab}	56.23, 5.08, -43.31
CIE _{LCh}	56, 43.607, 276.696
Yxy	24.1463, 0.2140, 0.2144
Android (android.graphics.Color)	4283730130 (0xFF5488D2)
YUV	128.8880, 39.9882, -39.3668
Hunter-Lab	49.1389, 1.5269, -43.2627

Details

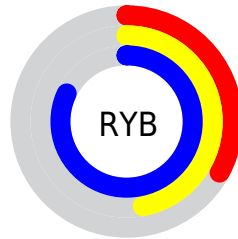
The Hex color **5488D2** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **D29E54**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **8FBDFE**, and **00579B** is the 20% darker color. If you saturate the color by 10%, you get **3F7CD2**, and if you desaturate by 10%, it is **6994D2**.

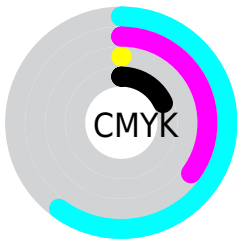
Distribution



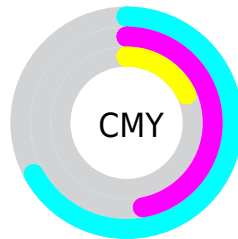
- Red (33%)
- Green (53%)
- Blue (82%)



- Red (33%)
- Yellow (47%)
- Blue (82%)



- Cyan (60%)
- Magenta (35%)
- Yellow (0%)
- Black (18%)



- Cyan (67%)
- Magenta (47%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5488D2 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 5488D2 by changing the saturation by 10% instead.

■ 5488D2

■ 5488D2

FFFFFF

■ 346FB6

■ 8FBDFE

■ 00579B

■ ACD9FF

■ 004081

■ C9F5FF

■ 002B67

■ E7FFFF

■ 00174F

■ 000537

■ 000221

■ 000006

■ 000000

■ 5488D2

■ 5488D2

■ 3F7CD2

■ 6994D2

■ 2A6FD2

■ 7EA1D2

■ 1563D2

■ 93ADD2

■ 0057D2

■ A8B9D2

■ BDC6D2

■ D2D2D2

■ E7DED2

■ FCEBD2

■ FFF7D2

Harmonies

Analogous

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



0093CC



5488D2



9579C4

Triad

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



5488D2



CA6D5B



369867

Complementary

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



5488D2



D29E54

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.



6D9248



5488D2



B57A41

Square

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



5488D2



CD6680



958838



009A8E

Rectangle

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



5488D2



B270B1



958838



4C965C

Sweetspot

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



5488D2



D1E4FF



54D29E



636F80



000000



808080

Same Dimension

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



5488D2



4793FF



5F54D2



5E6269



0045A8



001129

Inverse Universe

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



D25488



FF4793



C8D254



695E62



A80045



290011

Previews

White Background



This preview shows how the Hex color 5488D2 looks on a white background.

Color Contrast Check

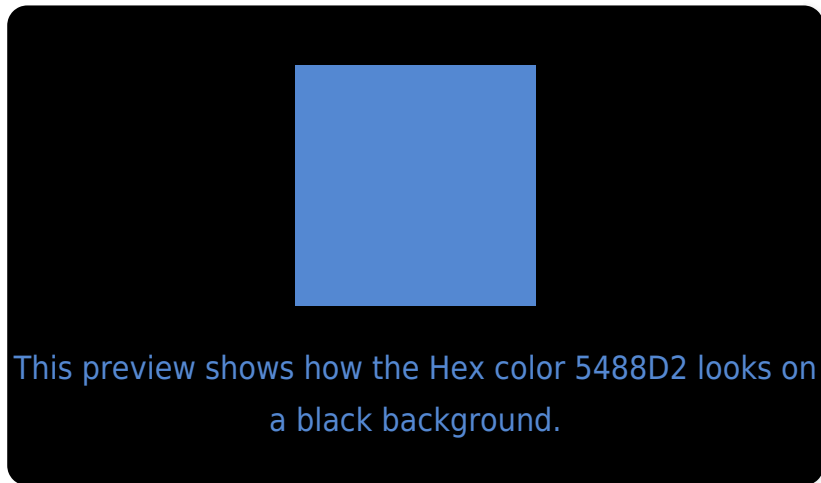
Large Text (above 18pt) WCAG AA ✓ Pass

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

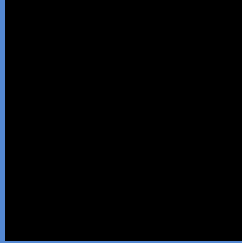
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

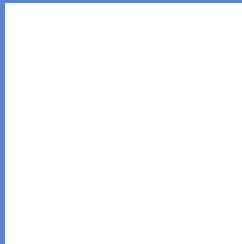
Any Text WCAG AAA × Fail

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

Hex 5488D2 Background



This preview shows how black text looks on a background with the Hex color 5488D2.

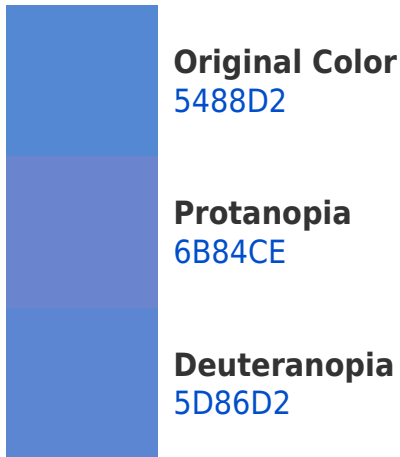


This preview shows how white text looks on a background with the Hex color 5488D2.

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](#).

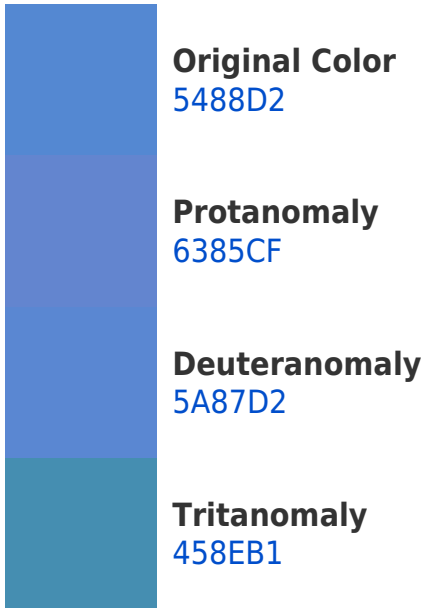
Dichromacy





Tritanopia
3D929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5488D2 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 #5488D2 looks like.

```
.text, #text, p{  
    color:#5488D2  
}
```

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 #5488D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5488D2
}
```

Border

The CSS property to change the border of an element to Hex 5488D2 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
#5488D2 }
```

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

```
.border{ border-color:#5488D2 }
```

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

Here you see how a box with a 4 pixel #5488D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5488D2; -webkit-box-shadow:4px 4px  
4px 4px #5488D2; box-shadow:4px 4px 4px  
4px #5488D2 }
```

Background

The CSS property to change the background color of an element to Hex 5488D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5488D2 }
```

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

```
.background{ background-color:#5488D2 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor