

Converting Colors

Hex(418DB8)

Have a look what the booklet for
Hex(418DB8) contains.

Hex(418DB8)	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(418DB8)

Conversions

Conversions Part 1

Format	Color
Hex	418DB8
RGB	65, 141, 184
RGB Percent	25%, 55%, 72%
CMY	0.7451, 0.4471, 0.2784
CMYK	0.65, 0.23, 0.00, 0.28
HSL	202°, 48%, 49%
HSV	202°, 65%, 72%
XYZ	20.3566, 23.6343, 48.8364
YIQ	123.1780, -59.0990, -2.7390

Conversions

Conversions Part 2

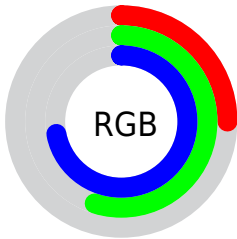
Format	Color
R_{YB}	65, 111, 184
Decimal	4296120
CIE _{Lab}	55.72, -9.98, -29.44
CIE _{LCh}	56, 31.086, 251.265
Yxy	23.6343, 0.2193, 0.2546
Android (android.graphics.Color)	4282486200 (0xFF418DB8)
YUV	123.1780, 29.9852, -51.0221
Hunter-Lab	48.6151, -10.3331, -25.5293

Details

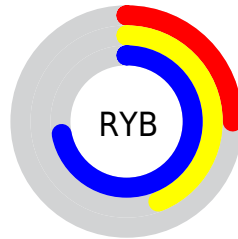
The Hex color **418DB8** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **B86C41**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **7CC3F0**, and **005B83** is the 20% darker color. If you saturate the color by 10%, you get **2F86B8**, and if you desaturate by 10%, it is **5394B8**.

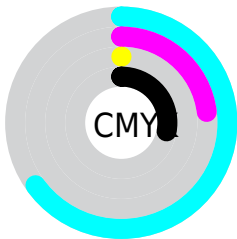
Distribution



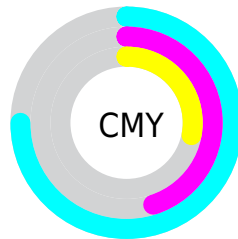
- Red (25%)
- Green (55%)
- Blue (72%)



- Red (25%)
- Yellow (44%)
- Blue (72%)



- Cyan (65%)
- Magenta (23%)
- Yellow (0%)
- Black (28%)



- Cyan (75%)
- Magenta (45%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 418DB8 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 418DB8 by changing the saturation by 10% instead.

 418DB8

 418DB8

FFFFFF

 1D739D

 7CC3F0

 005B83

 99DEFF

 004469

 B6FBFF

 002D51

 D3FFFF

 001A3A

 F1FFFF

 000224

 00000C

 000000

 418DB8

 418DB8

■ 2F86B8

■ 5394B8

■ 1C80B8

■ 669AB8

■ 0A79B8

■ 78A1B8

■ 0076B8

■ 8BA8B8

■ 9DAEB8

■ AFB5B8

■ C2BCB8

■ D4C2B8

■ E7C9B8

Harmonies

Analogous

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



1792A8



418DB8



6F85BA

Triad

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



418DB8



BA717C



708E5C

Complementary

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



418DB8



B86C41

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.



8D8750



418DB8



B67563

Square

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



418DB8



AF7397



A67E53



4E9373

Rectangle

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



418DB8



8A7EB4



A67E53



7A8C56

Sweetspot

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



418DB8



C2DFF0



41B86B



5C6E78



F7F7F7



787878

Same Dimension

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



418DB8



35ACF0



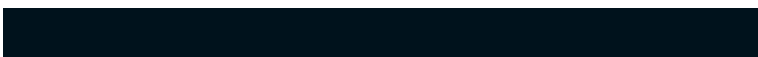
4153B8



53585C



00639C



00121C

Inverse Universe

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



B8418D



F035AC



B8A641



5C5358



9C0063



1C0012

Previews

White Background



This preview shows how the Hex color 418DB8 looks on a white background.

Color Contrast Check

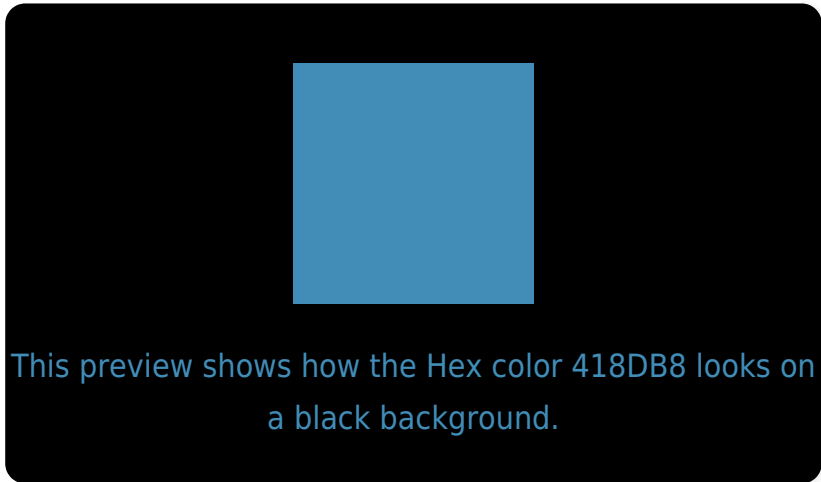
Large Text (above 18pt) WCAG AA ✓ Pass

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

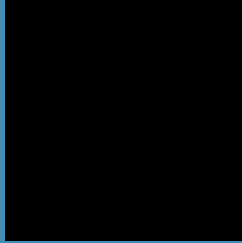
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

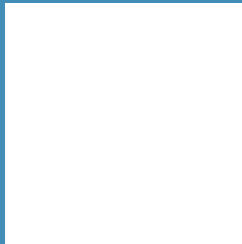
Any Text WCAG AAA × Fail

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

Hex 418DB8 Background



This preview shows how black text looks on a background with the Hex color 418DB8.

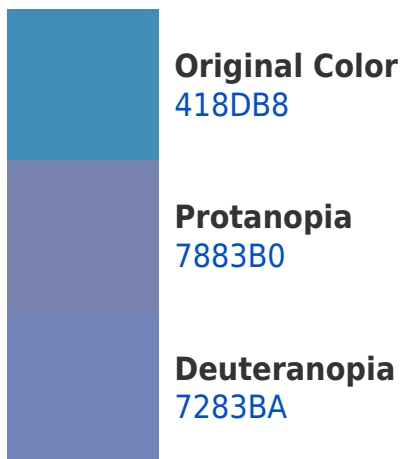


This preview shows how white text looks on a background with the Hex color 418DB8.

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](#).

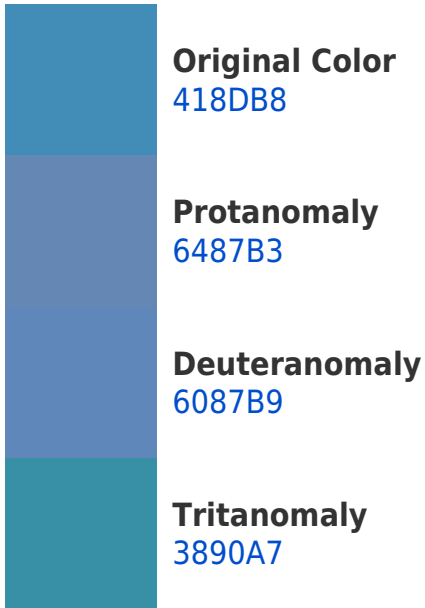
Dichromacy



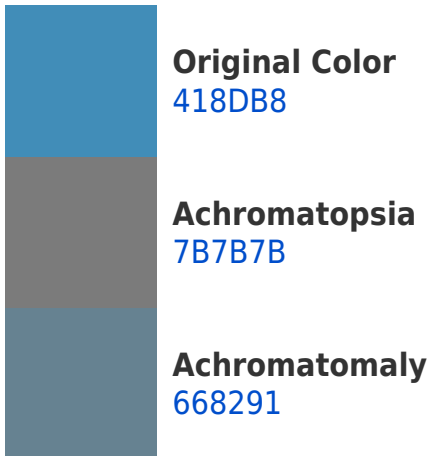


Tritanopia
33929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 418DB8 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 #418DB8 looks like.

```
.text, #text, p{  
    color:#418DB8  
}
```

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 #418DB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #418DB8  
}
```

Border

The CSS property to change the border of an element to Hex 418DB8 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  
#418DB8 }
```

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

```
.border{ border-color:#418DB8 }
```

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

Here you see how a box with a 4 pixel #418DB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #418DB8; -webkit-box-shadow:4px 4px  
4px 4px #418DB8; box-shadow:4px 4px 4px  
4px #418DB8 }
```

Background

The CSS property to change the background color of an element to Hex 418DB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#418DB8 }
```

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

```
.background{ background-color:#418DB8 }
```

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