

Converting Colors

Hex(488BD8)

Have a look what the booklet for
Hex(488BD8) contains.

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Color

Hex(488BD8)

Conversions

Conversions Part 1

Format	Color
Hex	488BD8
RGB	72, 139, 216
RGB Percent	28%, 55%, 85%
CMY	0.7176, 0.4549, 0.1529
CMYK	0.67, 0.36, 0.00, 0.15
HSL	212°, 65%, 56%
HSV	212°, 67%, 85%
XYZ	24.2998, 24.8008, 68.4720
YIQ	127.7450, -64.6490, 9.7430

Conversions

Conversions Part 2

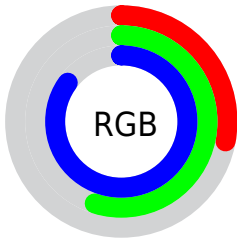
Format	Color
R_{YB}	72, 118, 216
Decimal	4754392
CIE _{Lab}	56.88, 3.20, -45.69
CIE _{LCh}	57, 45.804, 274.004
Yxy	24.8008, 0.2067, 0.2109
Android (android.graphics.Color)	4282944472 (0xFF488BD8)
YUV	127.7450, 43.5097, -48.8884
Hunter-Lab	49.8004, -0.0529, -46.6592

Details

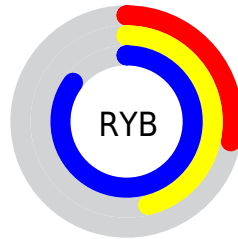
The Hex color **488BD8** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **D89548**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **86C0FF**, and **005AA1** is the 20% darker color. If you saturate the color by 10%, you get **327FD8**, and if you desaturate by 10%, it is **5E97D8**.

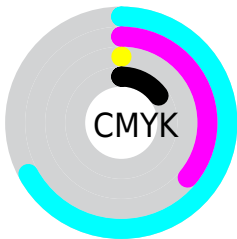
Distribution



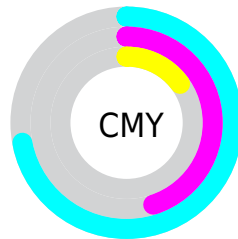
- Red (28%)
- Green (55%)
- Blue (85%)



- Red (28%)
- Yellow (46%)
- Blue (85%)



- Cyan (67%)
- Magenta (36%)
- Yellow (0%)
- Black (15%)



- Cyan (72%)
- Magenta (45%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Hex color 488BD8 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 488BD8 by changing the saturation by 10% instead.

 488BD8

 488BD8

FFFFFF

 2172BC

 86C0FF

 005AA1

 A4DCFF

 004386

 C1F8FF

 002D6C

 DFFFFF

 001954

FEFFFF

 00063C

 000225

 00010E

 000000

■ 488BD8

■ 488BD8

■ 327FD8

■ 5E97D8

■ 1D74D8

■ 73A2D8

■ 0768D8

■ 89AED8

■ 0064D8

■ 9EB9D8

■ B4C5D8

■ CAD0D8

■ DFD8D8

■ F5E7D8

■ FFF3D8

Harmonies

Analogous

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



0096D0



488BD8



927CCB

Triad

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



488BD8



CF6C5E



389A64

Complementary

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



488BD8



D89548

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.



719343



488BD8



BB7A40

Square

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



488BD8



D26685



9A8835



009C8D

Rectangle

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



488BD8



B271B8



9A8835



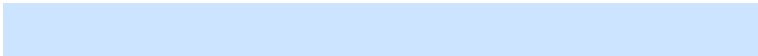
4F9858

Sweetspot

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



488BD8



CCE4FF



48D895



616F80



000000



808080

Same Dimension

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



488BD8



3392FF



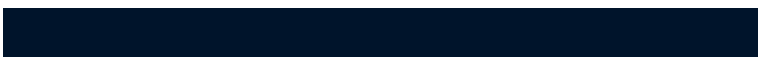
4D48D8



60656B



004FAB



00142B

Inverse Universe

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



D8488B



FF3392



D3D848



6B6065



AB004F



2B0014

Previews

White Background



This preview shows how the Hex color 488BD8 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 488BD8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

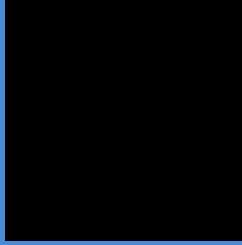
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

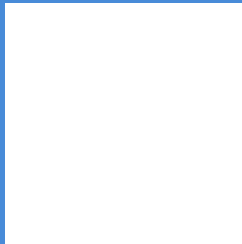
Any Text WCAG AAA × Fail

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

Hex 488BD8 Background



This preview shows how black text looks on a background with the Hex color 488BD8.

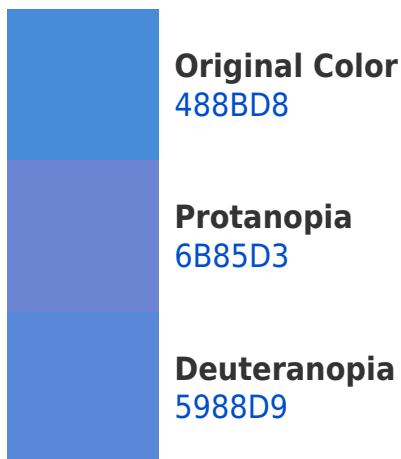


This preview shows how white text looks on a background with the Hex color 488BD8.

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](#).

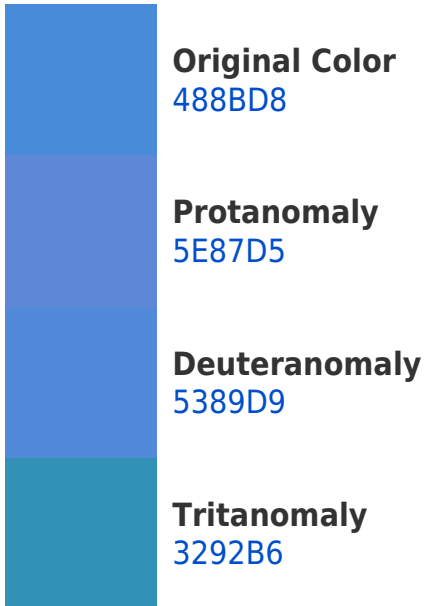
Dichromacy



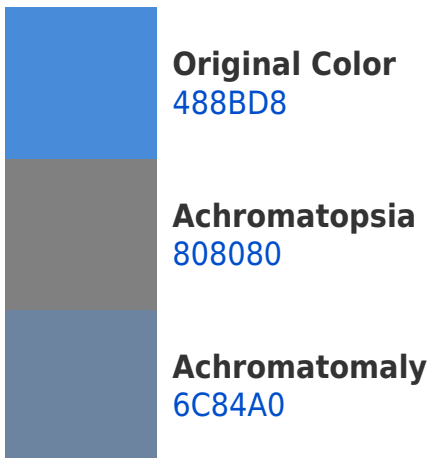


Tritanopia
2596A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 488BD8 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 #488BD8 looks like.

```
.text, #text, p{  
    color:#488BD8  
}
```

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 #488BD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #488BD8  
}
```

Border

The CSS property to change the border of an element to Hex 488BD8 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  
#488BD8 }
```

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

```
.border{ border-color:#488BD8 }
```

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

Here you see how a box with a 4 pixel #488BD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #488BD8; -webkit-box-shadow:4px 4px  
4px 4px #488BD8; box-shadow:4px 4px 4px  
4px #488BD8 }
```

Background

The CSS property to change the background color of an element to Hex 488BD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#488BD8 }
```

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

```
.background{ background-color:#488BD8 }
```

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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