

Converting Colors

Hex(488ABD)

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

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Color

Hex(488ABD)

Conversions

Conversions Part 1

Format	Color
Hex	488ABD
RGB	72, 138, 189
RGB Percent	28%, 54%, 74%
CMY	0.7176, 0.4588, 0.2588
CMYK	0.62, 0.27, 0.00, 0.26
HSL	206°, 47%, 51%
HSV	206°, 62%, 74%
XYZ	20.9463, 23.2288, 51.5237
YIQ	124.0800, -55.7070, 1.8690

Conversions

Conversions Part 2

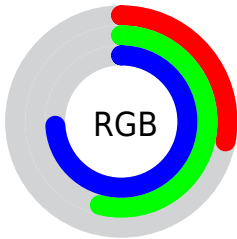
Format	Color
R _Y B	72, 114, 189
Decimal	4754109
CIE Lab	55.31, -5.35, -32.91
CIE LCh	55, 33.340, 260.774
Yxy	23.2288, 0.2189, 0.2427
Android (android.graphics.Color)	4282944189 (0xFF488ABD)
YUV	124.0800, 32.0056, -45.6742
Hunter-Lab	48.1963, -6.7667, -29.6460

Details

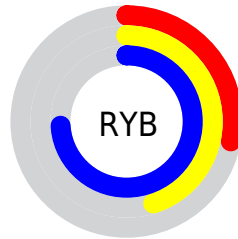
The Hex color **488ABD** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **BD7B48**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **82BFF5**, and **005887** is the 20% darker color. If you saturate the color by 10%, you get **3582BD**, and if you desaturate by 10%, it is **5B92BD**.

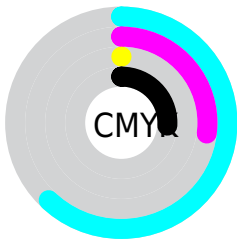
Distribution



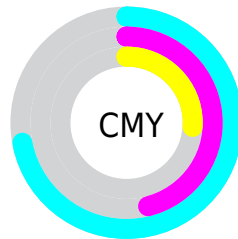
- Red (28%)
- Green (54%)
- Blue (74%)



- Red (28%)
- Yellow (45%)
- Blue (74%)



- Cyan (62%)
- Magenta (27%)
- Yellow (0%)
- Black (26%)



- Cyan (72%)
- Magenta (46%)
- Yellow (26%)

Brightness & Saturation Gradients

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

■ 488ABD

■ 488ABD

FFFFFF

■ 2771A2

■ 82BFF5

■ 005887

■ 9FDBFF

■ 00416E

■ BCF8FF

■ 002B55

■ D9FFFF

■ 00173E

■ F7FFFF

■ 000327

■ 000111

■ 000000

■ 488ABD

■ 488ABD

■ 3582BD

■ 5B92BD

■ 227ABD

■ 6E9ABD

■ 0F71BD

■ 81A3BD

■ 006BBD

■ 94ABBD

■ A7B3BD

■ B9BBBD

■ CCC4BD

■ DFCCBD

■ F2D4BD

Harmonies

Analogous

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



0091B0



488ABD



7A80BA

Triad

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



488ABD



BC6F71



62905F

Complementary

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



488ABD



BD7B48

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.



83894D



488ABD



B47659

Square

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



488ABD



B66E8F



9F804B



3A937A

Rectangle

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



488ABD



9579B0



9F804B



6D8E58

Sweetspot

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



488ABD



C6E1F5



48BD7B



5E6E7A



FAFAFA



7A7A7A

Same Dimension

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



488ABD



40A6F5



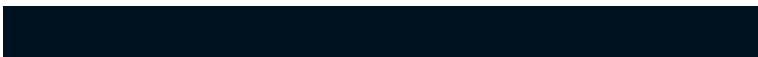
4850BD



555A5E



00599E



00111F

Inverse Universe

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



BD488A



F540A6



BDB548



5E555A



9E0059



1F0011

Previews

White Background



This preview shows how the Hex color 488ABD looks on a white background.

Color Contrast Check

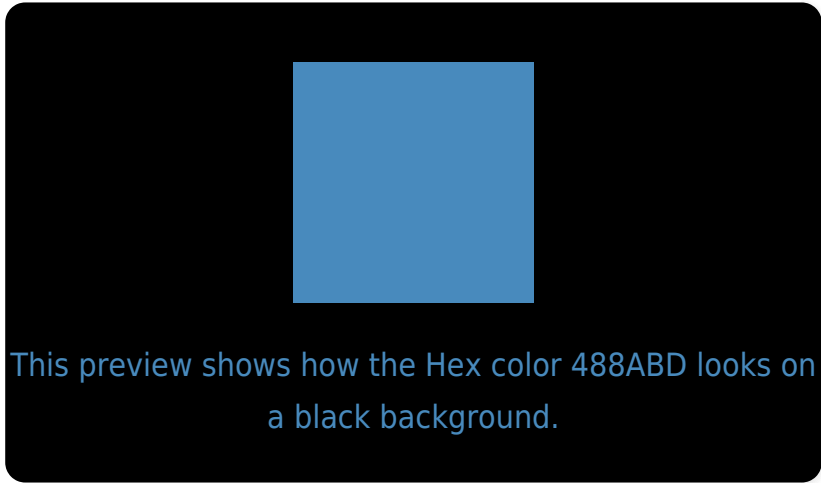
Large Text (above 18pt) WCAG AA ✓ Pass

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

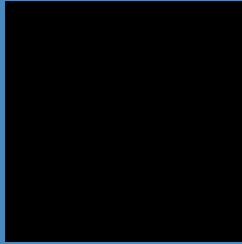
Any Text WCAG AA ✓ Pass

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 488ABD Background



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

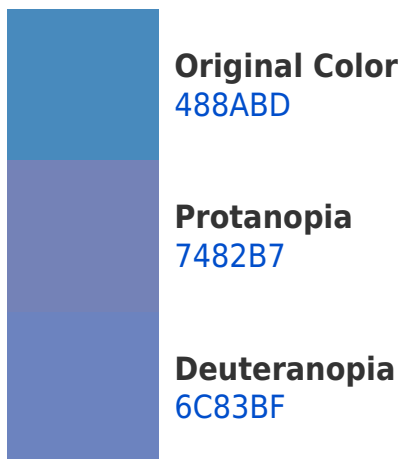


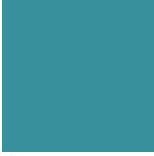
This preview shows how white text looks on a background with the Hex color 488ABD.

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](#).

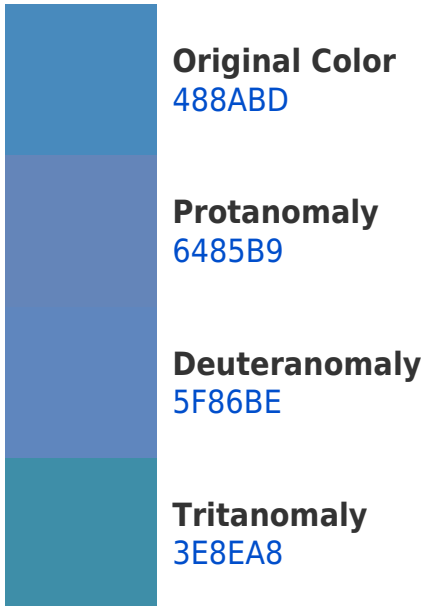
Dichromacy



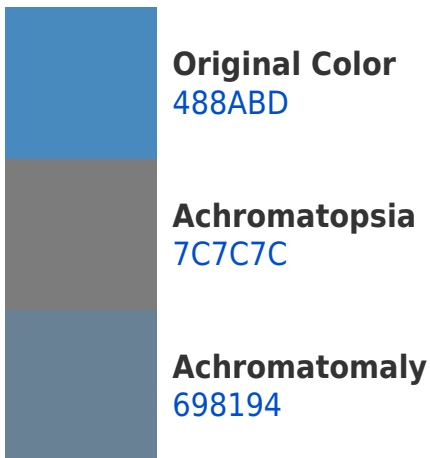


Tritanopia
38909C

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #488ABD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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