

Converting Colors

Hex(488AC6)

Have a look what the booklet for
Hex(488AC6) contains.

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Color

Hex(488AC6)

Conversions

Conversions Part 1

Format	Color
Hex	488AC6
RGB	72, 138, 198
RGB Percent	28%, 54%, 78%
CMY	0.7176, 0.4588, 0.2235
CMYK	0.64, 0.30, 0.00, 0.22
HSL	209°, 52%, 53%
HSV	209°, 64%, 78%
XYZ	21.9540, 23.6319, 56.8304
YIQ	125.1060, -58.5960, 4.6680

Conversions

Conversions Part 2

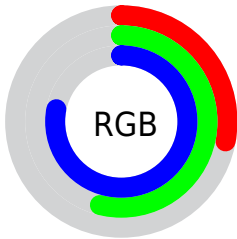
Format	Color
RYP	72, 115, 198
Decimal	4754118
CIELab	55.72, -2.35, -37.38
CIElCh	56, 37.452, 266.409
Yxy	23.6319, 0.2144, 0.2307
Android (android.graphics.Color)	4282944198 (0xFF488AC6)
YUV	125.1060, 35.9367, -46.5740
Hunter-Lab	48.6126, -4.4596, -35.2839

Details

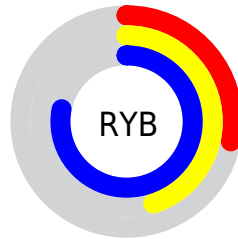
The Hex color **488AC6** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **C68448**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **83BFFF**, and **005890** is the 20% darker color. If you saturate the color by 10%, you get **3481C6**, and if you desaturate by 10%, it is **5C93C6**.

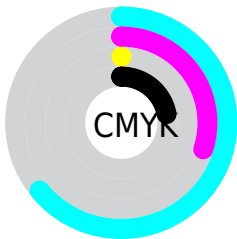
Distribution



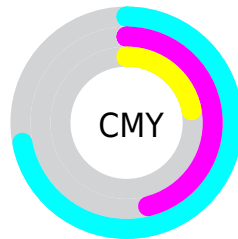
- Red (28%)
- Green (54%)
- Blue (78%)



- Red (28%)
- Yellow (45%)
- Blue (78%)



- Cyan (64%)
- Magenta (30%)
- Yellow (0%)
- Black (22%)



- Cyan (72%)
- Magenta (46%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 488AC6 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 488AC6 by changing the saturation by 10% instead.



488AC6



488AC6

FFFFFF



2571AB



83BFFF



005890



A0DBFF



004176



BEF7FF



002C5D



DBFFFF



001845



F9FFFF



00042E



000118



000000



488AC6



488AC6

■ 3481C6

■ 5C93C6

■ 2077C6

■ 709DC6

■ 0D6EC6

■ 83A6C6

■ 0068C6

■ 97B0C6

■ ABB9C6

■ BFC3C6

■ D3CCC6

■ E6D5C6

■ FADFC6

Harmonies

Analogous

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



0092BB



488AC6



837FC0

Triad

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



488AC6



C36D6A



559360

Complementary

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



488AC6



C68448

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.



7D8C4A



488AC6



B67750

Square

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



488AC6



C06B8B



9D8244



1A9680

Rectangle

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



488AC6



9F76B3



9D8244



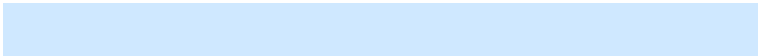
639157

Sweetspot

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



488AC6



CFE8FF



48C683



627280



000000



808080

Same Dimension

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



488AC6



3DA3FF



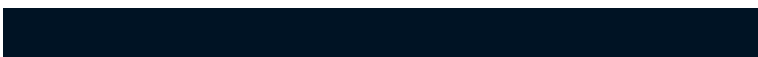
484CC6



5A5F63



0055A3



001324

Inverse Universe

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



C6488A



FF3DA3



C6C248



635A5F



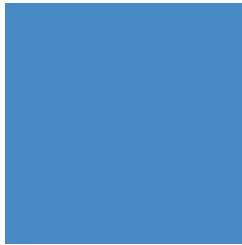
A30055



240013

Previews

White Background



This preview shows how the Hex color 488AC6 looks on a white background.

Color Contrast Check

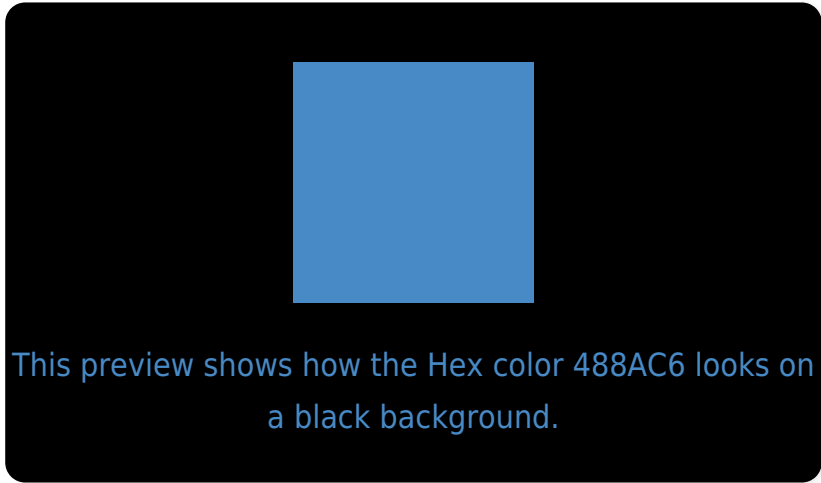
Large Text (above 18pt) WCAG AA ✓ Pass

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 488AC6 Background



This preview shows how black text looks on a background with the Hex color 488AC6.

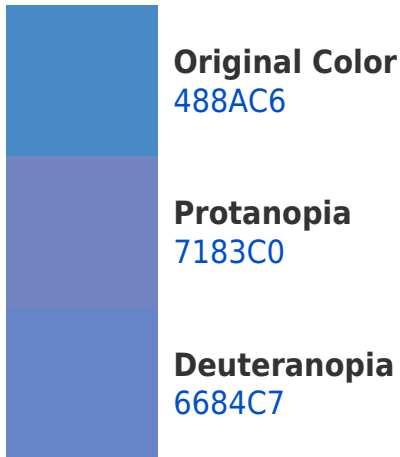


This preview shows how white text looks on a background with the Hex color 488AC6.

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](#).

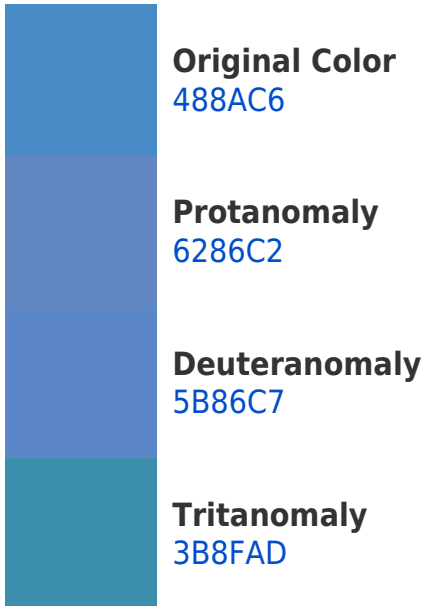
Dichromacy



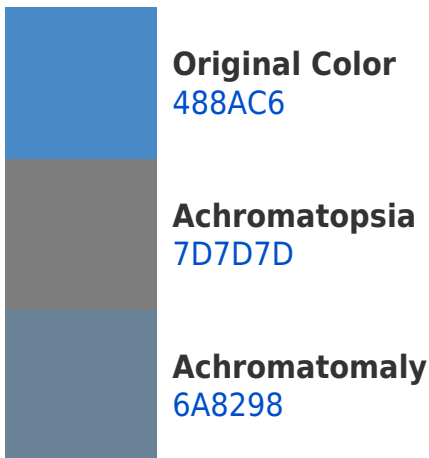


Tritanopia
33929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 488AC6 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 #488AC6 looks like.

```
.text, #text, p{  
    color:#488AC6  
}
```

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 #488AC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #488AC6  
}
```

Border

The CSS property to change the border of an element to Hex 488AC6 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  
#488AC6 }
```

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

```
.border{ border-color:#488AC6 }
```

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

Here you see how a box with a 4 pixel #488AC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #488AC6; -webkit-box-shadow:4px 4px  
4px 4px #488AC6; box-shadow:4px 4px 4px  
4px #488AC6 }
```

Background

The CSS property to change the background color of an element to Hex 488AC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#488AC6 }
```

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

```
.background{ background-color:#488AC6 }
```

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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