

Converting Colors

Hex(488DEF)

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

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Color

Hex(488DEF)

Conversions

Conversions Part 1

Format	Color
Hex	488DEF
RGB	72, 141, 239
RGB Percent	28%, 55%, 94%
CMY	0.7176, 0.4471, 0.0627
CMYK	0.70, 0.41, 0.00, 0.06
HSL	215°, 84%, 61%
HSV	215°, 70%, 94%
XYZ	27.7774, 26.6595, 85.3431
YIQ	131.5410, -72.5820, 15.8500

Conversions

Conversions Part 2

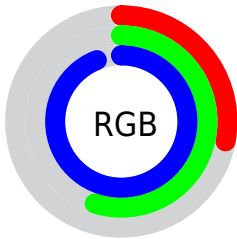
Format	Color
R _Y B	72, 121, 239
Decimal	4754927
CIE Lab	58.66, 10.01, -55.68
CIE LCh	59, 56.574, 280.189
Yxy	26.6595, 0.1987, 0.1907
Android (android.graphics.Color)	4282945007 (0xFF488DEF)
YUV	131.5410, 52.9773, -52.2175
Hunter-Lab	51.6328, 5.6718, -61.8566

Details

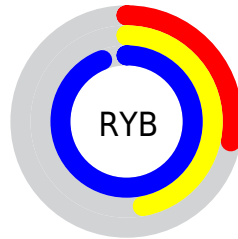
The Hex color **488DEF** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **EFAA48**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **8AC2FF**, and **005CB6** is the 20% darker color. If you saturate the color by 10%, you get **307FEF**, and if you desaturate by 10%, it is **609BEF**.

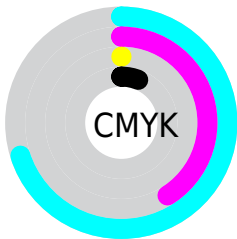
Distribution



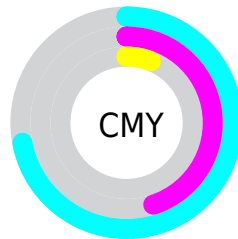
- Red (28%)
- Green (55%)
- Blue (94%)



- Red (28%)
- Yellow (47%)
- Blue (94%)



- Cyan (70%)
- Magenta (41%)
- Yellow (0%)
- Black (6%)



- Cyan (72%)
- Magenta (45%)
- Yellow (6%)

Brightness & Saturation Gradients

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

 488DEF

 488DEF

FFFFFF

 1974D2

 8AC2FF

 005CB6

 A8DEFF

 00459B

 C7FAFF

 002F80

 E6FFFF

 001C67

 00074E

 000536

 000220

 000004

■ 488DEF

■ 488DEF

■ 307FEF

■ 609BEF

■ 1871EF

■ 78A9EF

■ 0063EF

■ 90B7EF

■ A8C5EF

■ C0D3EF

■ D7E1EF

■ EFEFEF

■ FFFDEF

■ FFFFEF

Harmonies

Analogous

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



009BEA



488DEF



A579D9

Triad

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



488DEF



DF6B4F



00A36A

Complementary

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



488DEF



EFAA48

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.



619C3C



488DEF



C27F2B

Square

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



488DEF



E75F7E



979020



00A59D

Rectangle

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



488DEF



C96BBF



979020



28A159

Sweetspot

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



488DEF



C9E0FF



48EFA9



606D80



000000



808080

Same Dimension

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



488DEF



2981FF



5648EF



6C7178



004CB8



001738

Inverse Universe

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



EF488D



FF2981



E1EF48



786C71



B8004C



380017

Previews

White Background



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

Color Contrast Check

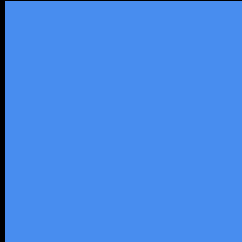
Large Text (above 18pt) WCAG AA ✓ Pass

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 488DEF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

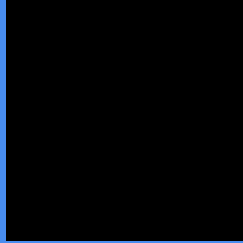
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

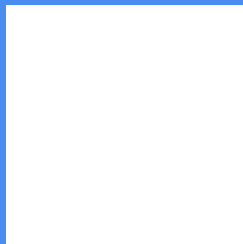
Any Text WCAG AAA × Fail

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

Hex 488DEF Background



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



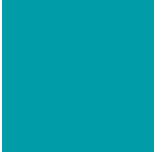
This preview shows how white text looks on a background with the Hex color 488DEF.

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](#).

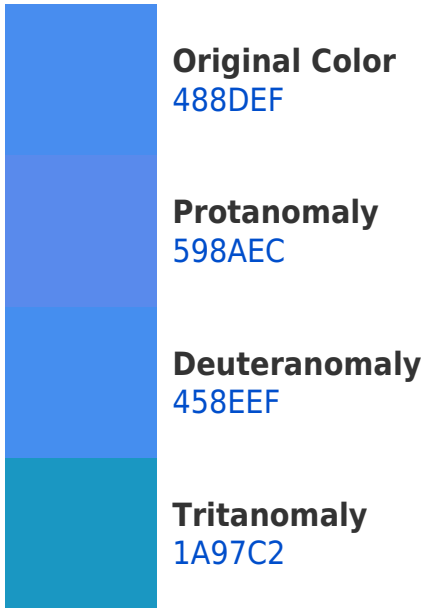
Dichromacy



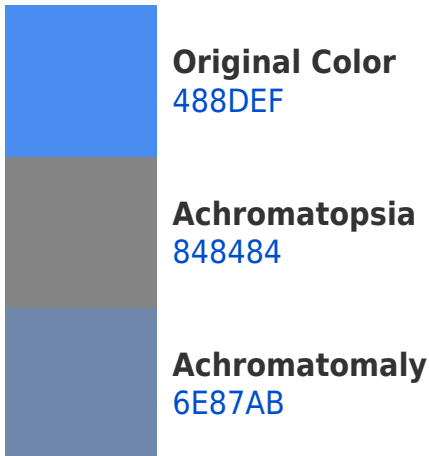


Tritanopia
009CA8

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #488DEF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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