

Converting Colors

Hex(588AC7)

Have a look what the booklet for
Hex(588AC7) contains.

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Color

Hex(588AC7)

Conversions

Conversions Part 1

Format	Color
Hex	588AC7
RGB	88, 138, 199
RGB Percent	35%, 54%, 78%
CMY	0.6549, 0.4588, 0.2196
CMYK	0.56, 0.31, 0.00, 0.22
HSL	213°, 50%, 56%
HSV	213°, 56%, 78%
XYZ	23.4218, 24.3752, 57.5033
YIQ	130.0040, -49.3810, 8.3710

Conversions

Conversions Part 2

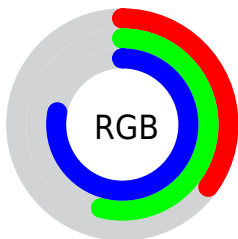
Format	Color
R_{YB}	88, 122, 199
Decimal	5802695
CIE Lab	56.46, 1.14, -36.73
CIE LCh	56, 36.746, 271.773
Yxy	24.3752, 0.2224, 0.2315
Android (android.graphics.Color)	4283992775 (0xFF588AC7)
YUV	130.0040, 34.0150, -36.8375
Hunter-Lab	49.3712, -1.7190, -34.4959

Details

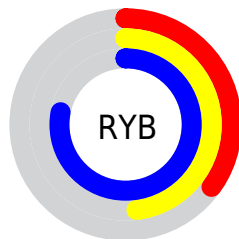
The Hex color **588AC7** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **C79558**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **91BFFF**, and **155891** is the 20% darker color. If you saturate the color by 10%, you get **447FC7**, and if you desaturate by 10%, it is **6C95C7**.

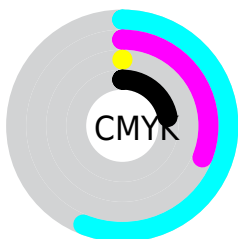
Distribution



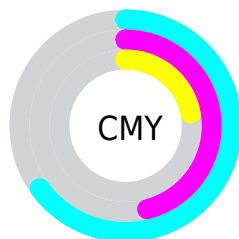
- Red (35%)
- Green (54%)
- Blue (78%)



- Red (35%)
- Yellow (48%)
- Blue (78%)



- Cyan (56%)
- Magenta (31%)
- Yellow (0%)
- Black (22%)



- Cyan (65%)
- Magenta (46%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 588AC7 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 588AC7 by changing the saturation by 10% instead.

■ 588AC7

■ 588AC7

FFFFFF

■ 3A71AB

■ 91BFFF

■ 155891

■ ADDBFF

■ 004177

■ CAF7FF

■ 002C5E

■ E8FFFF

■ 001846

■ 00042F

■ 000119

■ 000000

■ 588AC7

■ 588AC7

■ 447FC7

■ 6C95C7

■ 3074C7

■ 80A0C7

■ 1C69C7

■ 94ABC7

■ 085EC7

■ A8B6C7

■ 005AC7

■ BCC1C7

■ CFCCC7

■ E3D7C7

■ F7E1C7

■ FFECC7

Harmonies

Analogous

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



0093BF



588AC7



8D7EBE

Triad

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



588AC7



C37167



519568

Complementary

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



588AC7



C79558

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.



788F50



588AC7



B47B50

Square

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



588AC7



C36E87



9A8646



109888

Rectangle

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



588AC7



A776AF



9A8646



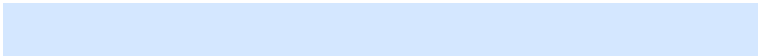
5F945F

Sweetspot

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



588AC7



D4E7FF



58C793



667180



000000



808080

Same Dimension

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



588AC7



54A1FF



5C58C7



5A5E63



004AA3



001024

Inverse Universe

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



C7588A



FF54A1



C3C758



635A5E



A3004A



240010

Previews

White Background



This preview shows how the Hex color 588AC7 looks on a white background.

Color Contrast Check

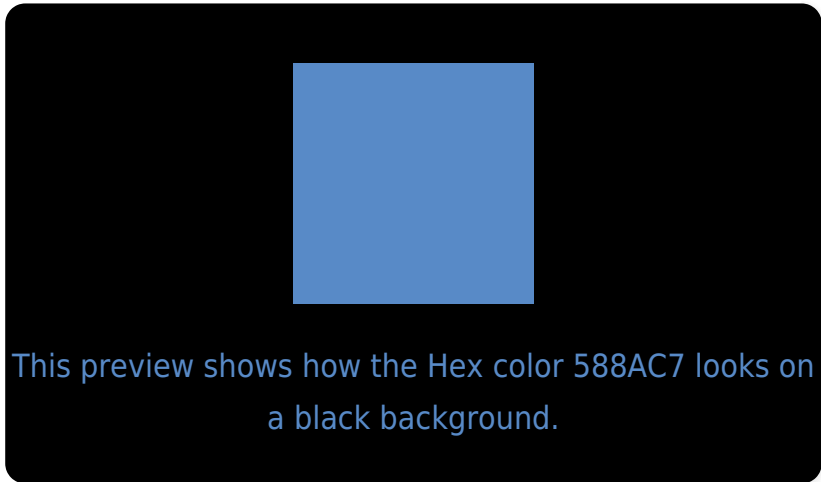
Large Text (above 18pt) WCAG AA ✓ Pass

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 588AC7 Background



This preview shows how black text looks on a background with the Hex color 588AC7.

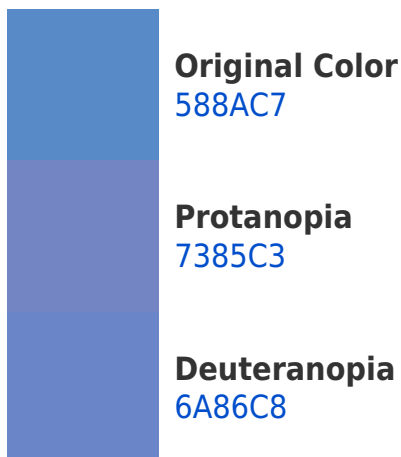


This preview shows how white text looks on a background with the Hex color 588AC7.

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](#).

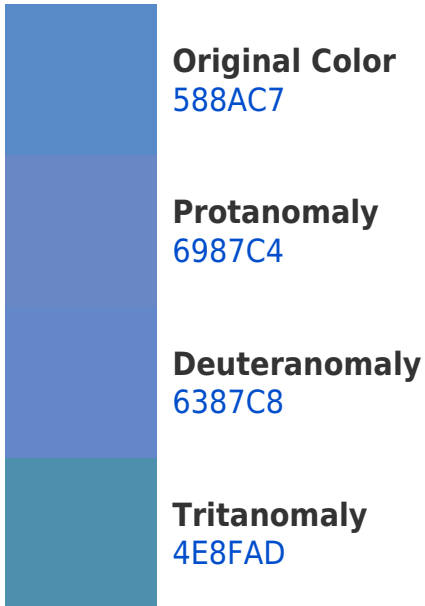
Dichromacy



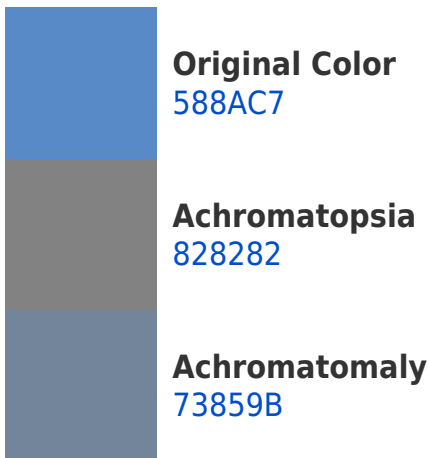


Tritanopia
48929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 588AC7 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 #588AC7 looks like.

```
.text, #text, p{  
    color:#588AC7  
}
```

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 #588AC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #588AC7
}
```

Border

The CSS property to change the border of an element to Hex 588AC7 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
#588AC7 }
```

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

```
.border{ border-color:#588AC7 }
```

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

Here you see how a box with a 4 pixel #588AC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #588AC7; -webkit-box-shadow:4px 4px  
4px 4px #588AC7; box-shadow:4px 4px 4px  
4px #588AC7 }
```

Background

The CSS property to change the background color of an element to Hex 588AC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#588AC7 }
```

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

```
.background{ background-color:#588AC7 }
```

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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