

Converting Colors

Hex(588DC9)

Have a look what the booklet for
Hex(588DC9) contains.

Hex(588DC9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(588DC9)

Conversions

Conversions Part 1

Format	Color
Hex	588DC9
RGB	88, 141, 201
RGB Percent	35%, 55%, 79%
CMY	0.6549, 0.4471, 0.2118
CMYK	0.56, 0.30, 0.00, 0.21
HSL	212°, 51%, 57%
HSV	212°, 56%, 79%
XYZ	24.0920, 25.3415, 58.8800
YIQ	131.9930, -50.8480, 7.4240

Conversions

Conversions Part 2

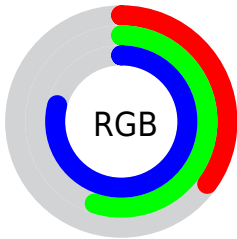
Format	Color
R _Y B	88, 124, 201
Decimal	5803465
CIE Lab	57.41, 0.02, -36.38
CIE LCh	57, 36.379, 270.039
Yxy	25.3415, 0.2224, 0.2340
Android (android.graphics.Color)	4283993545 (0xFF588DC9)
YUV	131.9930, 34.0205, -38.5819
Hunter-Lab	50.3403, -2.6687, -34.1096

Details

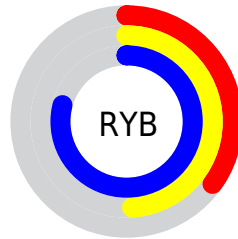
The Hex color **588DC9** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **C99458**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **91C2FF**, and **145B93** is the 20% darker color. If you saturate the color by 10%, you get **4482C9**, and if you desaturate by 10%, it is **6C98C9**.

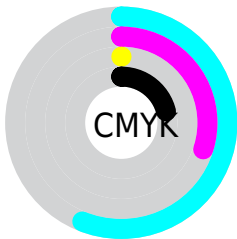
Distribution



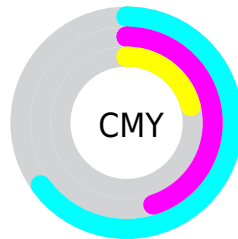
- Red (35%)
- Green (55%)
- Blue (79%)



- Red (35%)
- Yellow (49%)
- Blue (79%)



- Cyan (56%)
- Magenta (30%)
- Yellow (0%)
- Black (21%)



- Cyan (65%)
- Magenta (45%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 588DC9 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 588DC9 by changing the saturation by 10% instead.

■ 588DC9

■ 588DC9

FFFFFF

■ 3A74AD

■ 91C2FF

■ 145B93

■ AEDEFF

■ 004479

■ CBFBF

■ 002E60

■ E8FFFF

■ 001A47

■ 000431

■ 00011B

■ 000000

■ 588DC9

■ 588DC9

■ 4482C9

■ 6C98C9

■ 3078C9

■ 80A2C9

■ 1C6DC9

■ 94ADC9

■ 0862C9

■ A8B8C9

■ 005EC9

■ BDC2C9

■ D1CDC9

■ E5D8C9

■ F9E2C9

■ FFEDC9

Harmonies

Analogous

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



0095C0



588DC9



8D82C1

Triad

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



588DC9



C6736C



569869

Complementary

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



588DC9



C99458

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.



7D9151



588DC9



B77D54

Square

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



588DC9



C4708B



9E8849



1F9A89

Rectangle

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



588DC9



A77AB3



9E8849



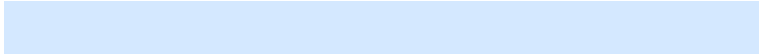
649660

Sweetspot

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



588DC9



D4E8FF



58C992



667280



000000



808080

Same Dimension

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



588DC9



54A4FF



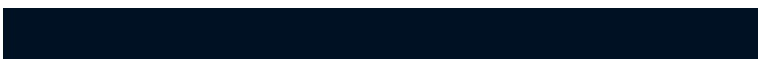
5A58C9



5A5E63



004DA3



001124

Inverse Universe

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



C9588D



FF54A4



C7C958



635A5E



A3004D



240011

Previews

White Background



This preview shows how the Hex color 588DC9 looks on a white background.

Color Contrast Check

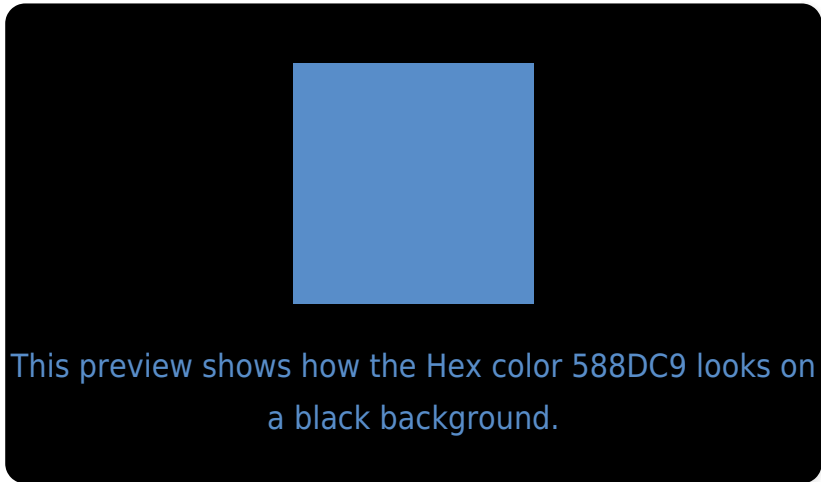
Large Text (above 18pt) WCAG AA ✓ Pass

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

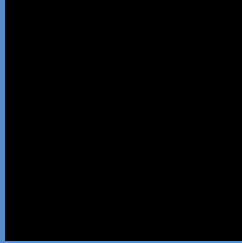
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

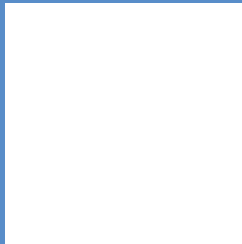
Any Text WCAG AAA × Fail

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

Hex 588DC9 Background



This preview shows how black text looks on a background with the Hex color 588DC9.

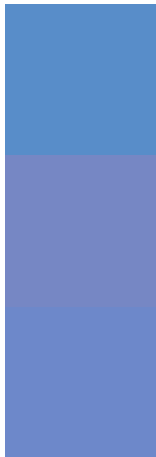


This preview shows how white text looks on a background with the Hex color 588DC9.

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



Original Color
588DC9

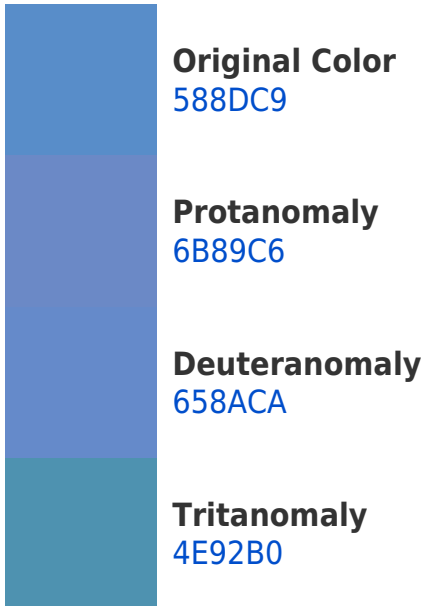
Protanopia
7687C4

Deuteranopia
6D88CA

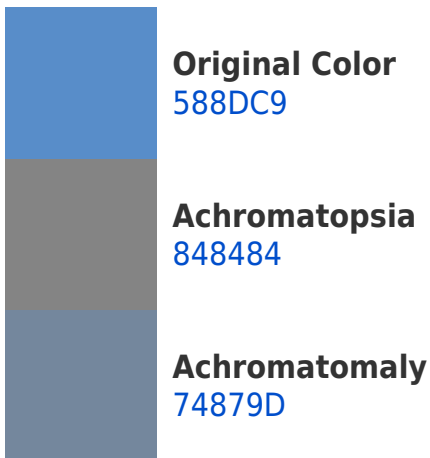


Tritanopia
4895A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 588DC9 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 #588DC9 looks like.

```
.text, #text, p{  
    color:#588DC9  
}
```

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 #588DC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #588DC9
}
```

Border

The CSS property to change the border of an element to Hex 588DC9 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
#588DC9 }
```

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

```
.border{ border-color:#588DC9 }
```

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

Here you see how a box with a 4 pixel #588DC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #588DC9; -webkit-box-shadow:4px 4px  
4px 4px #588DC9; box-shadow:4px 4px 4px  
4px #588DC9 }
```

Background

The CSS property to change the background color of an element to Hex 588DC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#588DC9 }
```

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

```
.background{ background-color:#588DC9 }
```

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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