

Converting Colors

Hex(568DFC)

Have a look what the booklet for
Hex(568DFC) contains.

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Color

Hex(568DFC)

Conversions

Conversions Part 1

Format	Color
Hex	568DFC
RGB	86, 141, 252
RGB Percent	34%, 55%, 99%
CMY	0.6627, 0.4471, 0.0118
CMYK	0.66, 0.44, 0.00, 0.01
HSL	220°, 97%, 66%
HSV	220°, 66%, 99%
XYZ	30.9333, 28.0565, 95.8805
YIQ	137.2090, -68.4110, 22.8610

Conversions

Conversions Part 2

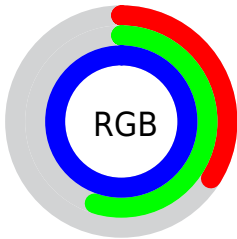
Format	Color
RYB	86, 127, 252
Decimal	5672444
CIELab	59.94, 16.60, -60.77
CIELCh	60, 62.995, 285.279
Yxy	28.0565, 0.1997, 0.1812
Android (android.graphics.Color)	4283862524 (0xFF568DFC)
YUV	137.2090, 56.5920, -44.9103
Hunter-Lab	52.9684, 11.5487, -70.2458

Details

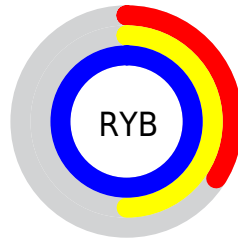
The Hex color **568DFC** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **FCC556**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **96C2FF**, and **005CC3** is the 20% darker color. If you saturate the color by 10%, you get **3D7CFC**, and if you desaturate by 10%, it is **6F9EFC**.

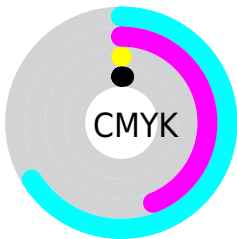
Distribution



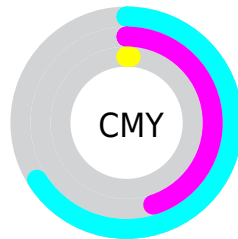
- Red (34%)
- Green (55%)
- Blue (99%)



- Red (34%)
- Yellow (50%)
- Blue (99%)



- Cyan (66%)
- Magenta (44%)
- Yellow (0%)
- Black (1%)



- Cyan (66%)
- Magenta (45%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 568DFC 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 568DFC by changing the saturation by 10% instead.

 568DFC

 568DFC


FFFFFF

 2F74DF

 96C2FF

 005CC3

 B5DEFF


 0045A7


 D4FAFF


 00308C

 F2FFFF

 001D72

 000059

 000740

 000329

 000113

■ 568DFC

■ 568DFC

■ 3D7CFC

■ 6F9EFC

■ 246BFC

■ 88AFFC

■ 0A5AFC

■ A2C0FC

■ 0053FC

■ BBD0FC

■ D4E1FC

■ EDF2FC

FFFFFC

Harmonies

Analogous

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



009EFC



568DFC



B775DF

Triad

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



568DFC



E66D43



00A972

Complementary

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



568DFC



FCC556

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.



50A23C



568DFC



C38418

Square

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



568DFC



F45B76



919610



00ABAC

Rectangle

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



568DFC



DB65C0



919610



00A75F

Sweetspot

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



568DFC



CCDDFF



56FCC5



616B80



000000



808080

Same Dimension

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



568DFC



3678FF



7256FC



70757D



003FBD



00143D

Inverse Universe

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



FC568D



FF3678



E0FC56



7D7075



BD003F



3D0014

Previews

White Background



This preview shows how the Hex color 568DFC looks on a white background.

Color Contrast Check

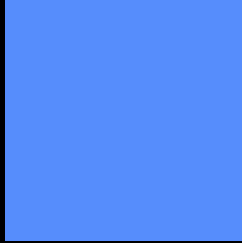
Large Text (above 18pt) WCAG AA ✓ Pass

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 568DFC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

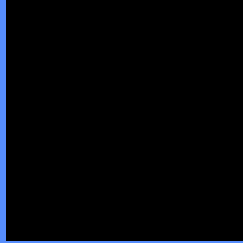
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

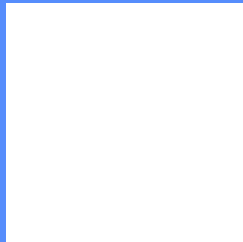
Any Text WCAG AAA × Fail

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

Hex 568DFC Background



This preview shows how black text looks on a background with the Hex color 568DFC.



This preview shows how white text looks on a background with the Hex color 568DFC.

Color Blindness Simulation

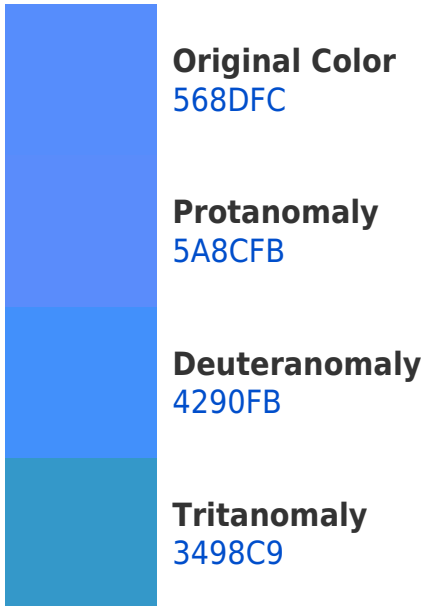
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 568DFC 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 #568DFC looks like.

```
.text, #text, p{  
    color:#568DFC  
}
```

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 #568DFC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #568DFC
}
```

Border

The CSS property to change the border of an element to Hex 568DFC 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
#568DFC }
```

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

```
.border{ border-color:#568DFC }
```

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

Here you see how a box with a 4 pixel #568DFC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #568DFC; -webkit-box-shadow:4px 4px  
4px 4px #568DFC; box-shadow:4px 4px 4px  
4px #568DFC }
```

Background

The CSS property to change the background color of an element to Hex 568DFC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#568DFC }
```

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

```
.background{ background-color:#568DFC }
```

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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