

Converting Colors

Hex(668FE1)

Have a look what the booklet for
Hex(668FE1) contains.

Hex(668FE1)	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(668FE1)

Conversions

Conversions Part 1

Format	Color
Hex	668FE1
RGB	102, 143, 225
RGB Percent	40%, 56%, 88%
CMY	0.6000, 0.4392, 0.1176
CMYK	0.55, 0.36, 0.00, 0.12
HSL	220°, 67%, 64%
HSV	220°, 55%, 88%
XYZ	28.8926, 27.9059, 75.0977
YIQ	140.0890, -50.7580, 16.8100

Conversions

Conversions Part 2

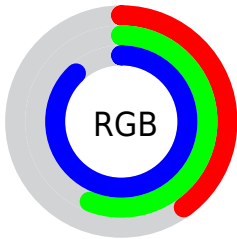
Format	Color
RYB	102, 133, 225
Decimal	6721505
CIELab	59.80, 9.45, -46.01
CIELCh	60, 46.971, 281.608
Yxy	27.9059, 0.2191, 0.2116
Android (android.graphics.Color)	4284911585 (0xFF668FE1)
YUV	140.0890, 41.8611, -33.4041
Hunter-Lab	52.8261, 5.1827, -47.3086

Details

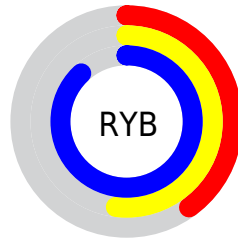
The Hex color **668FE1** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **E1B866**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **A0C4FF**, and **255DA9** is the 20% darker color. If you saturate the color by 10%, you get **5080E1**, and if you desaturate by 10%, it is **7D9EE1**.

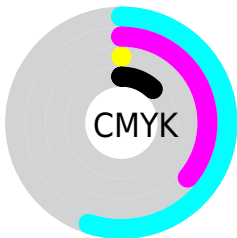
Distribution



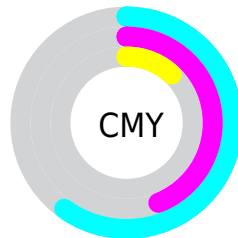
- Red (40%)
- Green (56%)
- Blue (88%)



- Red (40%)
- Yellow (52%)
- Blue (88%)



- Cyan (55%)
- Magenta (36%)
- Yellow (0%)
- Black (12%)



- Cyan (60%)
- Magenta (44%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 668FE1 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 668FE1 by changing the saturation by 10% instead.

■ 668FE1

■ 668FE1

FFFFFF

■ 4876C5

■ A0C4FF

■ 255DA9

■ BDE0FF

■ 00468E

■ DBFDFF

■ 003074

■ F9FFFF

■ 001C5B

■ 000143

■ 00032C

■ 000116

■ 000000

■ 668FE1

■ 668FE1

■ 5080E1

■ 7D9EE1

■ 3971E1

■ 93ADE1

■ 2362E1

■ AABCE1

■ 0C53E1

■ C0CBE1

■ 004BE1

■ D7DAE1

■ EDE9E1

■ FFF8E1

■ FFFFE1

Harmonies

Analogous

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



009CDE



668FE1



A87FCE

Triad

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



668FE1



D6765B



26A375

Complementary

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



668FE1



E1B866

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.



6B9D50



668FE1



BD8540

Square

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



668FE1



DD6D82



99933B



00A59F

Rectangle

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



668FE1



C575B8



99933B



44A267

Sweetspot

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



668FE1



D6E4FF



66E1B8



676F80



000000



808080

Same Dimension

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



668FE1



578FFF



7A66E1



656970



003BB0



001030

Inverse Universe

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



E1668F



FF578F



CCE166



706569



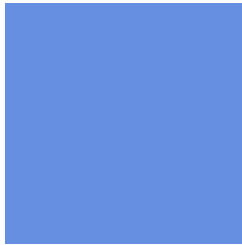
B0003B



300010

Previews

White Background



This preview shows how the Hex color 668FE1 looks on a white background.

Color Contrast Check

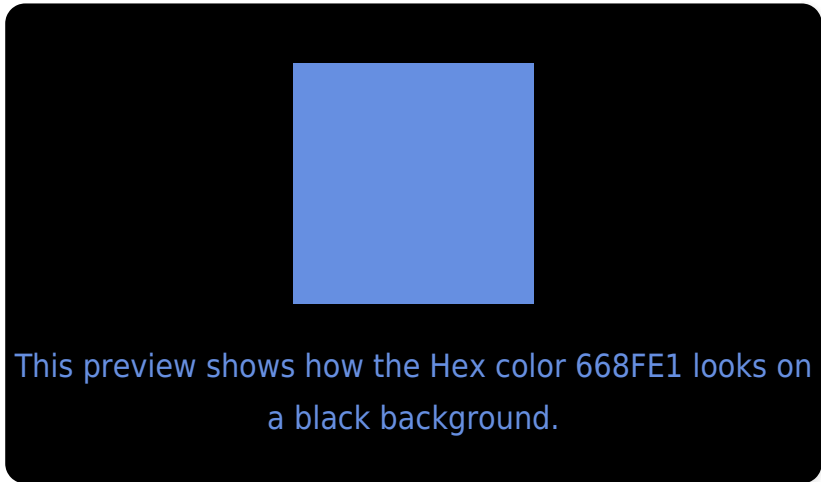
Large Text (above 18pt) WCAG AA ✓ Pass

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

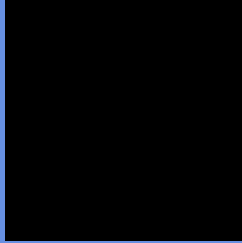
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

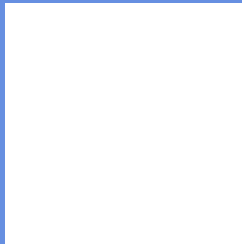
Any Text WCAG AAA × Fail

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

Hex 668FE1 Background



This preview shows how black text looks on a background with the Hex color 668FE1.



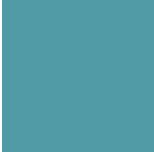
This preview shows how white text looks on a background with the Hex color 668FE1.

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](#).

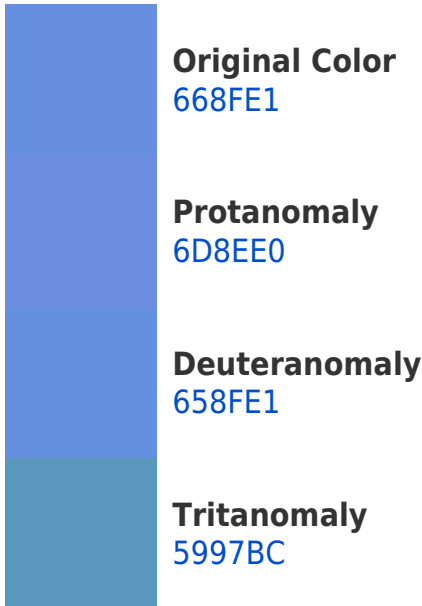
Dichromacy



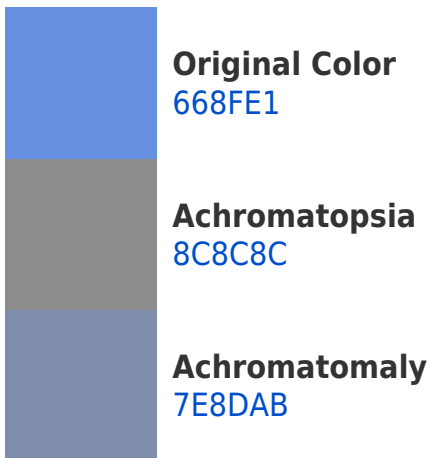


Tritanopia
519BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 668FE1 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 #668FE1 looks like.

```
.text, #text, p{  
    color:#668FE1  
}
```

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 #668FE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #668FE1
}
```

Border

The CSS property to change the border of an element to Hex 668FE1 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
#668FE1 }
```

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

```
.border{ border-color:#668FE1 }
```

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

Here you see how a box with a 4 pixel #668FE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #668FE1; -webkit-box-shadow:4px 4px  
4px 4px #668FE1; box-shadow:4px 4px 4px  
4px #668FE1 }
```

Background

The CSS property to change the background color of an element to Hex 668FE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#668FE1 }
```

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

```
.background{ background-color:#668FE1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor