

Converting Colors

Hex(678BE4)

Have a look what the booklet for
Hex(678BE4) contains.

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Color

Hex(678BE4)

Conversions

Conversions Part 1

Format	Color
Hex	678BE4
RGB	103, 139, 228
RGB Percent	40%, 55%, 89%
CMY	0.5961, 0.4549, 0.1059
CMYK	0.55, 0.39, 0.00, 0.11
HSL	223°, 70%, 65%
HSV	223°, 55%, 89%
XYZ	28.8297, 26.9502, 77.0812
YIQ	138.3820, -50.0250, 20.0470

Conversions

Conversions Part 2

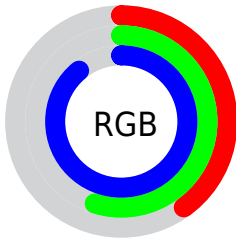
Format	Color
RYB	103, 131, 228
Decimal	6786020
CIELab	58.93, 12.98, -49.06
CIELCh	59, 50.750, 284.819
Yxy	26.9502, 0.2170, 0.2028
Android (android.graphics.Color)	4284976100 (0xFF678BE4)
YUV	138.3820, 44.1817, -31.0300
Hunter-Lab	51.9136, 8.2794, -51.6941

Details

The Hex color **678BE4** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **E4C067**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **A1C0FF**, and **265AAC** is the 20% darker color. If you saturate the color by 10%, you get **507BE4**, and if you desaturate by 10%, it is **7E9BE4**.

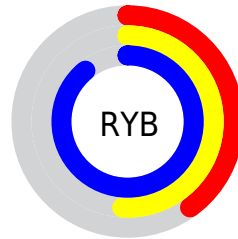
Distribution



Red (40%)

Green (55%)

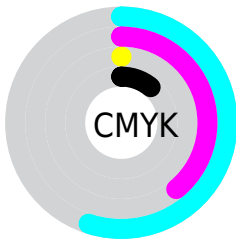
Blue (89%)



Red (40%)

Yellow (51%)

Blue (89%)

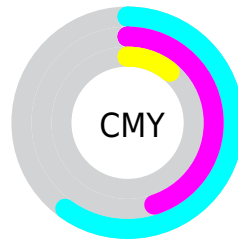


Cyan (55%)

Magenta (39%)

Yellow (0%)

Black (11%)



Cyan (60%)

Magenta (45%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 678BE4 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 678BE4 by changing the saturation by 10% instead.

 678BE4

 678BE4

FFFFFF

 4972C8

 A1C0FF

 265AAC

 BFDCFF

 004391

 DCF8FF

 002D77

 FAFFFF

 001A5E

 000145

 00042E

 000118

 000000

■ 678BE4

■ 678BE4

■ 507BE4

■ 7E9BE4

■ 396BE4

■ 95ABE4

■ 235AE4

■ ABBCE4

■ 0C4AE4

■ C2CCE4

■ 0042E4

■ D9DCE4

■ F0ECE4

■ FFFDE4

■ FFFFE4

Harmonies

Analogous

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



0099E3



678BE4



AD79CD

Triad

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



678BE4



D67251



00A275

Complementary

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



678BE4



E4C067

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.



5F9D4C



678BE4



B98335

Square

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



678BE4



E06779



919232



00A4A3

Rectangle

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



678BE4



CA6EB5



919232



2CA166

Sweetspot

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



678BE4



D6E2FF



67E4BF



676E80



000000



808080

Same Dimension

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



678BE4



5787FF



8067E4



676B73



0033B3



000F33

Inverse Universe

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



E4678B



FF5787



CBE467



73676B



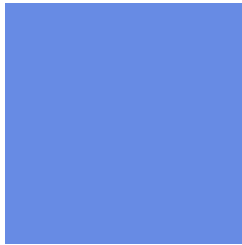
B30033



33000F

Previews

White Background



This preview shows how the Hex color 678BE4 looks on a white background.

Color Contrast Check

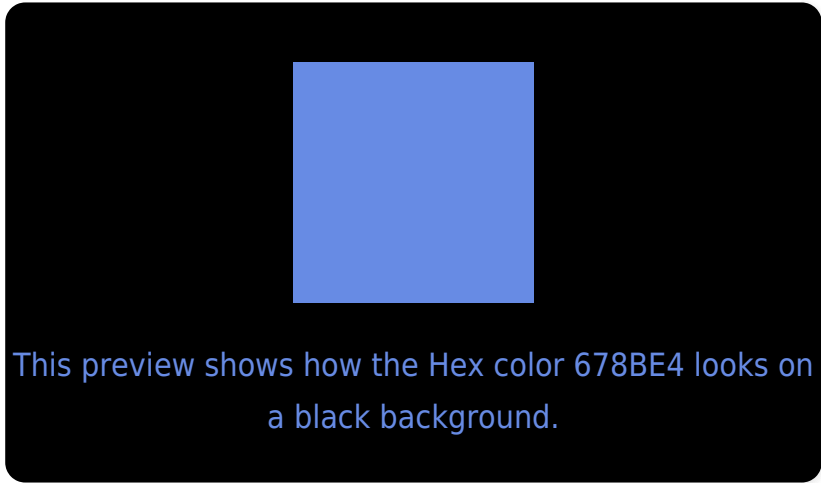
Large Text (above 18pt) WCAG AA ✓ Pass

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

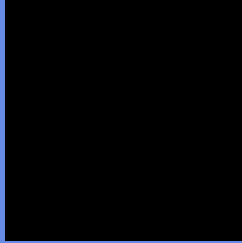
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

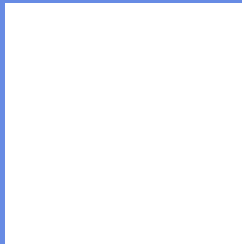
Any Text WCAG AAA × Fail

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

Hex 678BE4 Background



This preview shows how black text looks on a background with the Hex color 678BE4.



This preview shows how white text looks on a background with the Hex color 678BE4.

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](#).

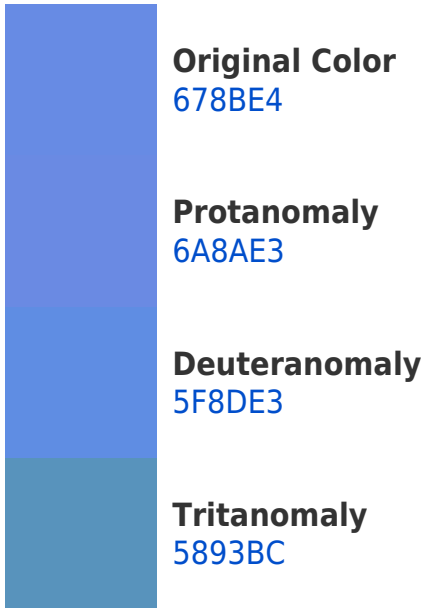
Dichromacy



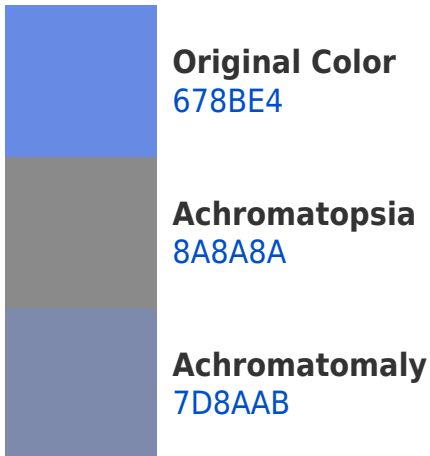


Tritanopia
5098A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 678BE4 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 #678BE4 looks like.

```
.text, #text, p{  
    color:#678BE4  
}
```

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 #678BE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #678BE4
}
```

Border

The CSS property to change the border of an element to Hex 678BE4 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
#678BE4 }
```

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

```
.border{ border-color:#678BE4 }
```

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

Here you see how a box with a 4 pixel #678BE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #678BE4; -webkit-box-shadow:4px 4px  
4px 4px #678BE4; box-shadow:4px 4px 4px  
4px #678BE4 }
```

Background

The CSS property to change the background color of an element to Hex 678BE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#678BE4 }
```

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

```
.background{ background-color:#678BE4 }
```

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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