

Converting Colors

Hex(748AEB)

Have a look what the booklet for
Hex(748AEB) contains.

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Color

Hex(748AEB)

Conversions

Conversions Part 1

Format	Color
Hex	748AEB
RGB	116, 138, 235
RGB Percent	45%, 54%, 92%
CMY	0.5451, 0.4588, 0.0784
CMYK	0.51, 0.41, 0.00, 0.08
HSL	229°, 75%, 69%
HSV	229°, 51%, 92%
XYZ	31.2863, 27.8881, 82.3312
YIQ	142.4800, -44.2490, 25.5030

Conversions

Conversions Part 2

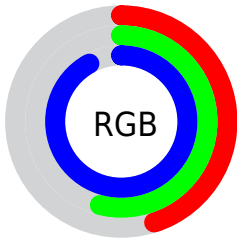
Format	Color
R _Y B	116, 135, 235
Decimal	7637739
CIE Lab	59.79, 18.56, -51.54
CIE LCh	60, 54.779, 289.805
Yxy	27.8881, 0.2211, 0.1971
Android (android.graphics.Color)	4285827819 (0xFF748AEB)
YUV	142.4800, 45.6124, -23.2230
Hunter-Lab	52.8092, 13.3346, -55.4686

Details

The Hex color **748AEB** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **EBD574**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **AEBFFF**, and **3759B3** is the 20% darker color. If you saturate the color by 10%, you get **5D77EB**, and if you desaturate by 10%, it is **8B9DEB**.

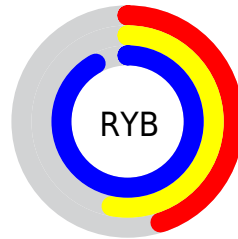
Distribution



Red (45%)

Green (54%)

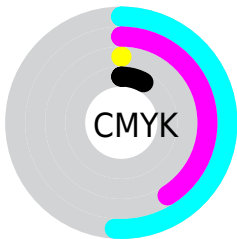
Blue (92%)



Red (45%)

Yellow (53%)

Blue (92%)

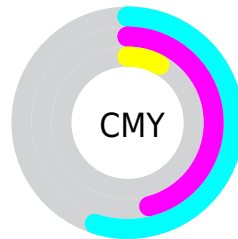


Cyan (51%)

Magenta (41%)

Yellow (0%)

Black (8%)



Cyan (55%)

Magenta (46%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 748AEB 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 748AEB by changing the saturation by 10% instead.

 748AEB

 748AEB

FFFFFF

 5771CE

 AEBFFF

 3759B3

 CBDBFF

 094297

 E9F7FF

 002C7D

 001963

 00004B

 000433

 00021D

 000000

■ 748AEB

■ 748AEB

■ 5D77EB

■ 8B9DEB

■ 4564EB

■ A3B0EB

■ 2E51EB

■ BBC3EB

■ 163DEB

■ D2D7EB

■ 002BEB

■ EAEAEB

■ FFFDEB

■ FFFFEB

Harmonies

Analogous

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



009AEF



748AEB



BA76CF

Triad

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



748AEB



D97548



00A67D

Complementary

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



748AEB



EBD574

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.



51A14F



748AEB



B8882B

Square

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



748AEB



E86672



8B972D



00A7AF

Rectangle

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



748AEB



D66AB2



8B972D



00A56D

Sweetspot

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



748AEB



D9E0FF



74EBD3



696D80



000000



808080

Same Dimension

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



748AEB



6380FF



9874EB



6A6C75



0021B5



000A36

Inverse Universe

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



EB748A



FF6380



C7EB74



756A6C



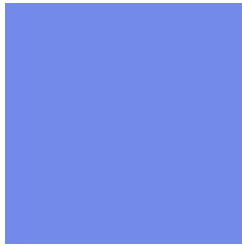
B50021



36000A

Previews

White Background



This preview shows how the Hex color 748AEB looks on a white background.

Color Contrast Check

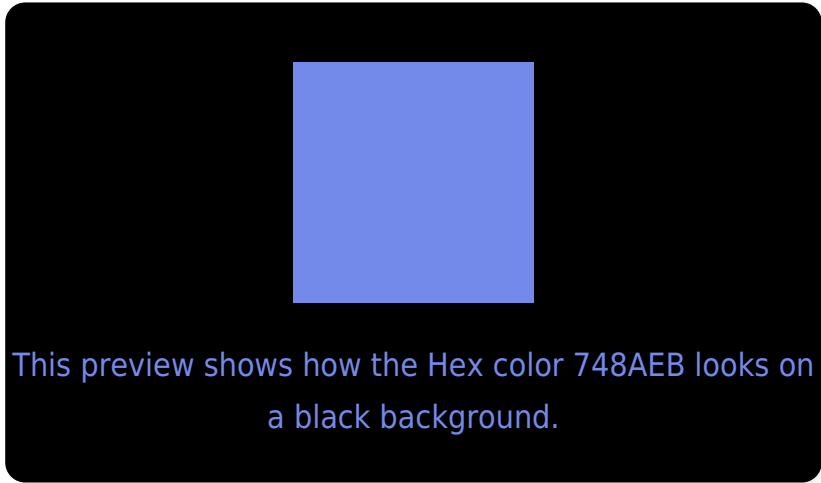
Large Text (above 18pt) WCAG AA ✓ Pass

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 748AEB Background



This preview shows how black text looks on a background with the Hex color 748AEB.



This preview shows how white text looks on a background with the Hex color 748AEB.

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
748AEB

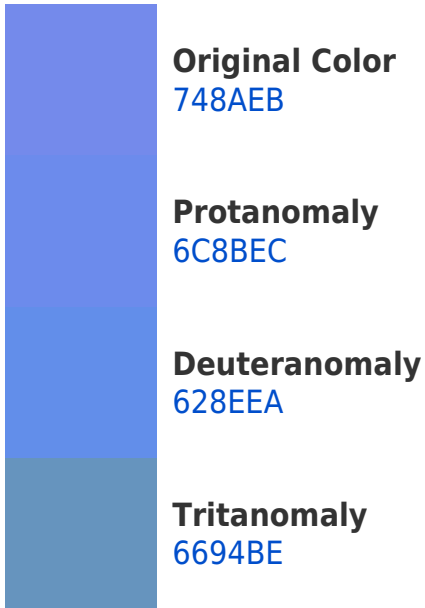
Protanopia
688CED

Deuteranopia
5890EA

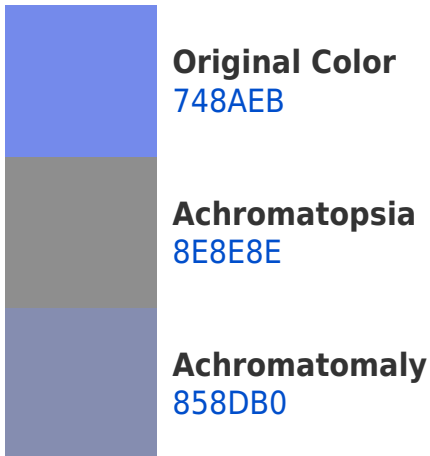


Tritanopia
5E99A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 748AEB 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 #748AEB looks like.

```
.text, #text, p{  
    color:#748AEB  
}
```

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 #748AEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #748AEB
}
```

Border

The CSS property to change the border of an element to Hex 748AEB 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
#748AEB }
```

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

```
.border{ border-color:#748AEB }
```

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

Here you see how a box with a 4 pixel #748AEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #748AEB; -webkit-box-shadow:4px 4px  
4px 4px #748AEB; box-shadow:4px 4px 4px  
4px #748AEB }
```

Background

The CSS property to change the background color of an element to Hex 748AEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#748AEB }
```

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

```
.background{ background-color:#748AEB }
```

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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