

Converting Colors

Hex(738CCE)

Have a look what the booklet for
Hex(738CCE) contains.

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Color

Hex(738CCE)

Conversions

Conversions Part 1

Format	Color
Hex	738CCE
RGB	115, 140, 206
RGB Percent	45%, 55%, 81%
CMY	0.5490, 0.4510, 0.1922
CMYK	0.44, 0.32, 0.00, 0.19
HSL	224°, 48%, 63%
HSV	224°, 44%, 81%
XYZ	27.5889, 26.8572, 62.1224
YIQ	140.0490, -36.0860, 15.2260

Conversions

Conversions Part 2

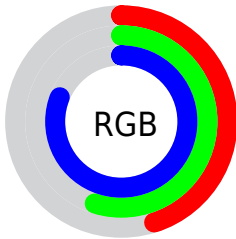
Format	Color
R_{YB}	115, 135, 206
Decimal	7572686
CIE _{Lab}	58.84, 8.46, -36.84
CIE _{LCh}	59, 37.801, 282.935
Yxy	26.8572, 0.2367, 0.2304
Android (android.graphics.Color)	4285762766 (0xFF738CCE)
YUV	140.0490, 32.5138, -21.9680
Hunter-Lab	51.8240, 4.3339, -34.7953

Details

The Hex color **738CCE** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CEB573**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **AAC1FF**, and **3C5A97** is the 20% darker color. If you saturate the color by 10%, you get **5E7DCE**, and if you desaturate by 10%, it is **889BCE**.

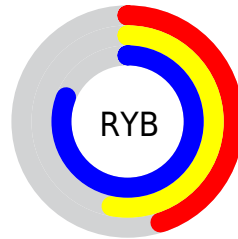
Distribution



Red (45%)

Green (55%)

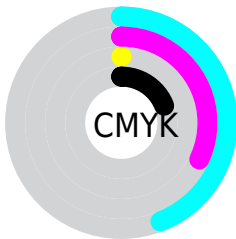
Blue (81%)



Red (45%)

Yellow (53%)

Blue (81%)

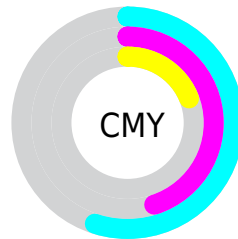


Cyan (44%)

Magenta (32%)

Yellow (0%)

Black (19%)



Cyan (55%)

Magenta (45%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 738CCE 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 738CCE by changing the saturation by 10% instead.

 738CCE

 738CCE

FFFFFF

 5873B2

 AAC1FF

 3C5A97

 C7DDFF

 1D437D


 E4FAFF

 002D64

 00194C

 000235

 00021E

 000001

 000000

■ 738CCE

■ 738CCE

■ 5E7DCE

■ 889BCE

■ 4A6ECE

■ 9CAACE

■ 355FCE

■ B1B9CE

■ 2150CE

■ C5C8CE

■ 0C41CE

■ DAD7CE

■ 0039CE

■ EFE6CE

■ FFF5CE

■ FFFFCE

Harmonies

Analogous

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



2D96CC



738CCE



A380BE

Triad

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



738CCE



C77A62



429E79

Complementary

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



738CCE



CEB573

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.



70995C



738CCE



B3854E

Square

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



738CCE



CD7380



94904B



009F9B

Rectangle

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



738CCE



BA78AC



94904B



539C6E

Sweetspot

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



738CCE



DEE7FF



73CEB4



6B7180



000000



808080

Same Dimension

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



738CCE



789DFF



8773CE



5C5F66



002EA6



000B26

Inverse Universe

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



CE738C



FF789D



BACE73



665C5F



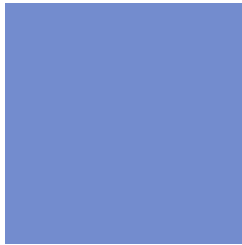
A6002E



26000B

Previews

White Background



This preview shows how the Hex color 738CCE looks on a white background.

Color Contrast Check

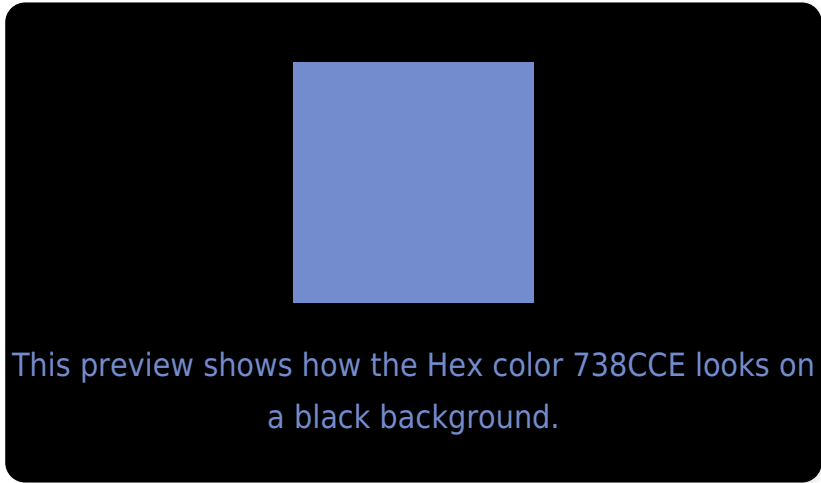
Large Text (above 18pt) WCAG AA ✓ Pass

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

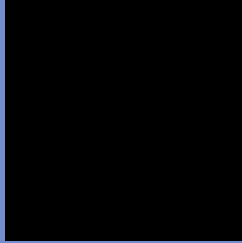
Any Text WCAG AA ✓ Pass

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 738CCE Background



This preview shows how black text looks on a background with the Hex color 738CCE.

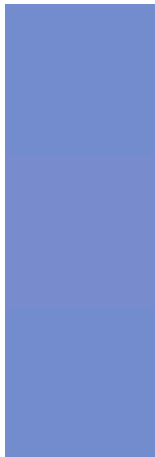


This preview shows how white text looks on a background with the Hex color 738CCE.

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
738CCE

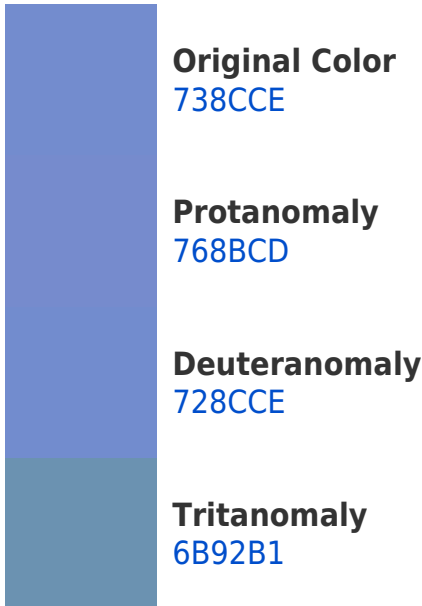
Protanopia
788BCD

Deuteranopia
728CCE

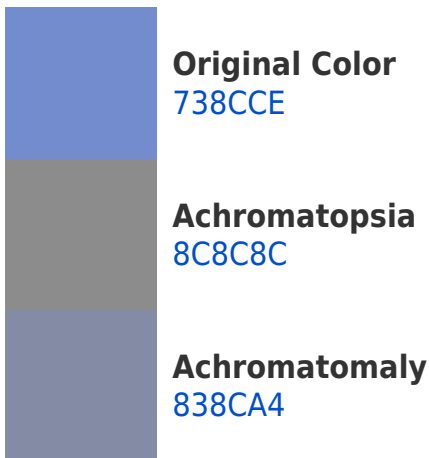


Tritanopia
6795A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 738CCE 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 #738CCE looks like.

```
.text, #text, p{  
    color:#738CCE  
}
```

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 #738CCE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #738CCE
}
```

Border

The CSS property to change the border of an element to Hex 738CCE 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
#738CCE }
```

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

```
.border{ border-color:#738CCE }
```

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

Here you see how a box with a 4 pixel #738CCE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #738CCE; -webkit-box-shadow:4px 4px  
4px 4px #738CCE; box-shadow:4px 4px 4px  
4px #738CCE }
```

Background

The CSS property to change the background color of an element to Hex 738CCE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#738CCE }
```

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

```
.background{ background-color:#738CCE }
```

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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