

Converting Colors

Hex(6973E8)

Have a look what the booklet for
Hex(6973E8) contains.

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Color

Hex(6973E8)

Conversions

Conversions Part 1

Format	Color
Hex	6973E8
RGB	105, 115, 232
RGB Percent	41%, 45%, 91%
CMY	0.5882, 0.5490, 0.0902
CMYK	0.55, 0.50, 0.00, 0.09
HSL	235°, 73%, 66%
HSV	235°, 55%, 91%
XYZ	26.5219, 21.0909, 79.0170
YIQ	125.3480, -43.5170, 34.2670

Conversions

Conversions Part 2

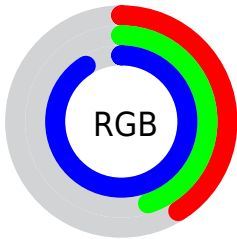
Format	Color
RYB	105, 114, 232
Decimal	6910952
CIELab	53.05, 29.11, -60.68
CIELCh	53, 67.299, 295.627
Yxy	21.0909, 0.2094, 0.1666
Android (android.graphics.Color)	4285101032 (0xFF6973E8)
YUV	125.3480, 52.5794, -17.8452
Hunter-Lab	45.9249, 22.7165, -69.8653

Details

The Hex color **6973E8** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **E8DE69**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **A4A7FF**, and **2543AF** is the 20% darker color. If you saturate the color by 10%, you get **525EE8**, and if you desaturate by 10%, it is **8088E8**.

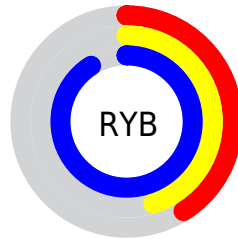
Distribution



Red (41%)

Green (45%)

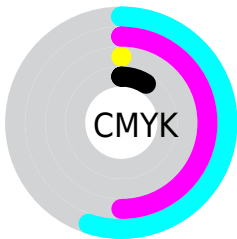
Blue (91%)



Red (41%)

Yellow (45%)

Blue (91%)

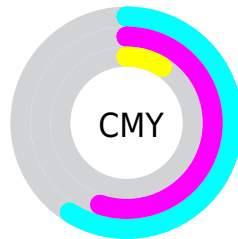


Cyan (55%)

Magenta (50%)

Yellow (0%)

Black (9%)



Cyan (59%)

Magenta (55%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6973E8 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 6973E8 by changing the saturation by 10% instead.

■ 6973E8

■ 6973E8

FFFFFF

■ 4A5BCB

■ A4A7FF

■ 2543AF

■ C2C2FF

■ 002D94

■ E0DEFF

■ 001A7A

■ FEFAFF

■ 000360

■ 000847

■ 000430

■ 00011A

■ 000000

■ 6973E8

■ 6973E8

■ 525EE8

■ 8088E8

■ 3B48E8

■ 979EE8

■ 2333E8

■ AFB3E8

■ 0C1EE8

■ C6C8E8

■ 0012E8

■ DDDEE8

■ F4F3E8

■ FFFFE8

Harmonies

Analogous

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



0088F3



6973E8



BB56C1

Triad

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



6973E8



CA6119



009874

Complementary

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



6973E8



E8DE69

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.



009438



6973E8



A07900

Square

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



6973E8



E24650



688A00



0098AF

Rectangle

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



6973E8



D7449D



688A00



009760

Sweetspot

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



6973E8



D6D9FF



69E8DD



676980



000000



808080

Same Dimension

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



6973E8



5764FF



9E69E8



676873



000EB3



000433

Inverse Universe

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



E86973



FF5764



B3E869



736768



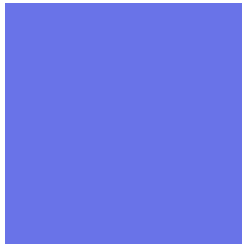
B3000E



330004

Previews

White Background



This preview shows how the Hex color 6973E8 looks on a white background.

Color Contrast Check

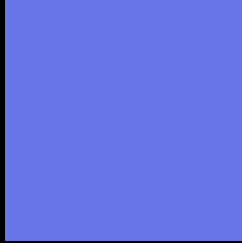
Large Text (above 18pt) WCAG AA ✓ Pass

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 6973E8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

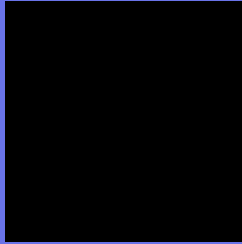
Any Text WCAG AA ✓ Pass

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 6973E8 Background



This preview shows how black text looks on a background with the Hex color 6973E8.

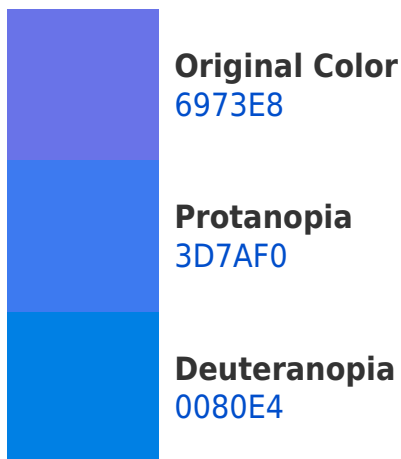



This preview shows how white text looks on a background with the Hex color 6973E8.

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](#).

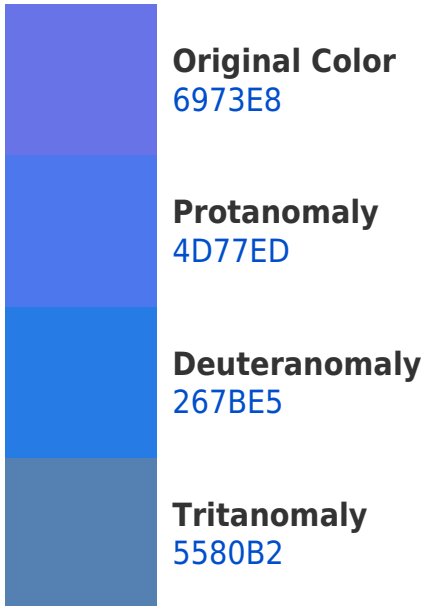
Dichromacy



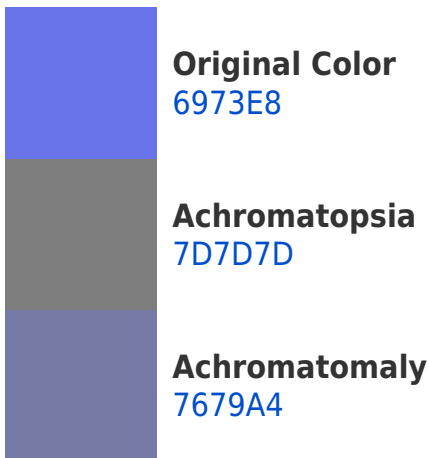


Tritanopia
4A8893

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6973E8 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 #6973E8 looks like.

```
.text, #text, p{  
    color:#6973E8  
}
```

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 #6973E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6973E8  
}
```

Border

The CSS property to change the border of an element to Hex 6973E8 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  
#6973E8 }
```

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

```
.border{ border-color:#6973E8 }
```

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

Here you see how a box with a 4 pixel #6973E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6973E8; -webkit-box-shadow:4px 4px  
4px 4px #6973E8; box-shadow:4px 4px 4px  
4px #6973E8 }
```

Background

The CSS property to change the background color of an element to Hex 6973E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6973E8 }
```

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

```
.background{ background-color:#6973E8 }
```

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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