

Converting Colors

Hex(6973D8)

Have a look what the booklet for
Hex(6973D8) contains.

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Color

Hex(6973D8)

Conversions

Conversions Part 1

Format	Color
Hex	6973D8
RGB	105, 115, 216
RGB Percent	41%, 45%, 85%
CMY	0.5882, 0.5490, 0.1529
CMYK	0.51, 0.47, 0.00, 0.15
HSL	235°, 59%, 63%
HSV	235°, 51%, 85%
XYZ	24.3511, 20.2226, 67.5857
YIQ	123.5240, -38.3810, 29.2910

Conversions

Conversions Part 2

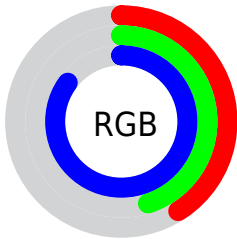
Format	Color
R _Y B	105, 114, 216
Decimal	6910936
CIE Lab	52.09, 24.08, -53.21
CIE LCh	52, 58.408, 294.348
Yxy	20.2226, 0.2171, 0.1803
Android (android.graphics.Color)	4285101016 (0xFF6973D8)
YUV	123.5240, 45.5907, -16.2455
Hunter-Lab	44.9695, 17.9614, -57.6295

Details

The Hex color **6973D8** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **D8CE69**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **A2A7FF**, and **2B43A0** is the 20% darker color. If you saturate the color by 10%, you get **535FD8**, and if you desaturate by 10%, it is **7F87D8**.

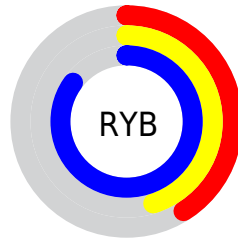
Distribution



Red (41%)

Green (45%)

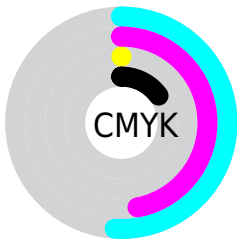
Blue (85%)



Red (41%)

Yellow (45%)

Blue (85%)

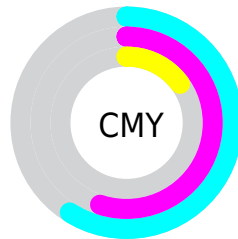


Cyan (51%)

Magenta (47%)

Yellow (0%)

Black (15%)



Cyan (59%)

Magenta (55%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6973D8 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 6973D8 by changing the saturation by 10% instead.

■ 6973D8

■ 6973D8

FFFFFF

■ 4C5BBC

■ A2A7FF

■ 2B43A0

■ BFC2FF

■ 002D86

■ DDDEFF

■ 001A6C

■ FBFAFF

■ 000053

■ 00063B

■ 000224

■ 00000C

■ 000000

■ 6973D8

■ 6973D8

■ 535FD8

■ 7F87D8

■ 3E4CD8

■ 949AD8

■ 2838D8

■ AAAED8

■ 1324D8

■ BFC2D8

■ 0013D8

■ D5D5D8

■ EBE9D8

■ FFFDD8

■ FFFF80

Harmonies

Analogous

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



0085E0



6973D8



AF5CB7

Triad

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



6973D8



C1622A



009371

Complementary

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



6973D8



D8CE69

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.



238F3E



6973D8



9D7700

Square

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



6973D8



D44E56



6D8610



0093A4

Rectangle

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



6973D8



C94F99



6D8610



00925F

Sweetspot

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



6973D8



D9DCFF



69D8CD



696B80



000000



808080

Same Dimension

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



6973D8



616FFF



9569D8



60616B



000FAB



00042B

Inverse Universe

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



D86973



FF616F



ACD869



6B6061



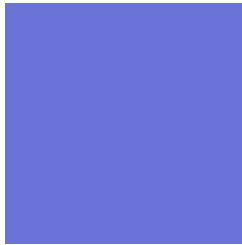
AB000F



2B0004

Previews

White Background



This preview shows how the Hex color 6973D8 looks on a white background.

Color Contrast Check

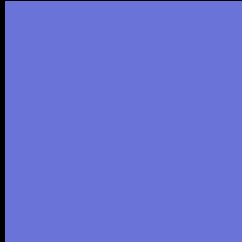
Large Text (above 18pt) WCAG AA ✓ Pass

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 6973D8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

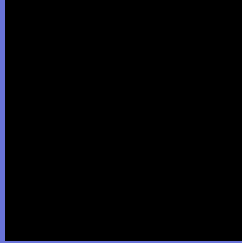
Any Text WCAG AA ✓ Pass

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 6973D8 Background



This preview shows how black text looks on a background with the Hex color 6973D8.

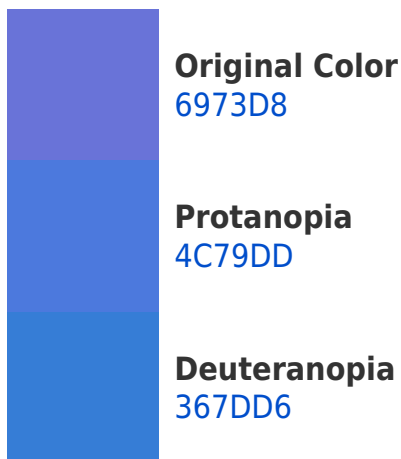



This preview shows how white text looks on a background with the Hex color 6973D8.

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](#).

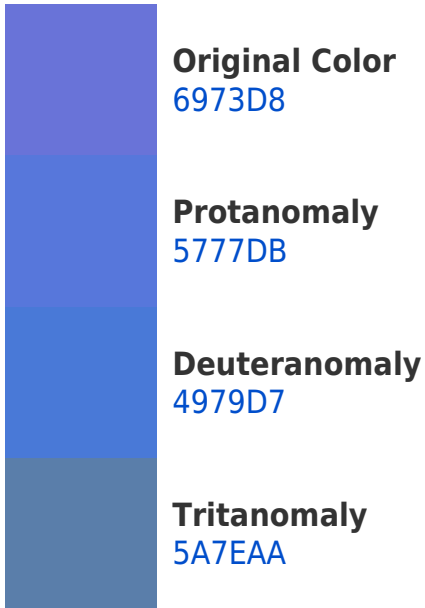
Dichromacy



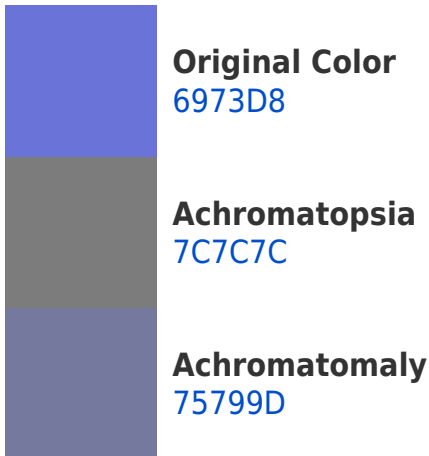


Tritanopia
51848F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6973D8 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 #6973D8 looks like.

```
.text, #text, p{  
    color:#6973D8  
}
```

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 #6973D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6973D8
}
```

Border

The CSS property to change the border of an element to Hex 6973D8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

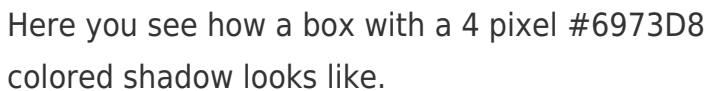
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6973D8 }
```

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

```
.border{ border-color:#6973D8 }
```

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



Here you see how a box with a 4 pixel #6973D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6973D8; -webkit-box-shadow:4px 4px  
4px 4px #6973D8; box-shadow:4px 4px 4px  
4px #6973D8 }
```

Background

The CSS property to change the background color of an element to Hex 6973D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6973D8 }
```

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

```
.background{ background-color:#6973D8 }
```

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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