

Converting Colors

Hex(3F8DC5)

Have a look what the booklet for
Hex(3F8DC5) contains.

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Color

Hex(3F8DC5)

Conversions

Conversions Part 1

Format	Color
Hex	3F8DC5
RGB	63, 141, 197
RGB Percent	25%, 55%, 77%
CMY	0.7529, 0.4471, 0.2275
CMYK	0.68, 0.28, 0.00, 0.23
HSL	205°, 54%, 51%
HSV	205°, 68%, 77%
XYZ	21.6528, 24.1377, 56.3411
YIQ	124.0620, -64.4640, 0.8800

Conversions

Conversions Part 2

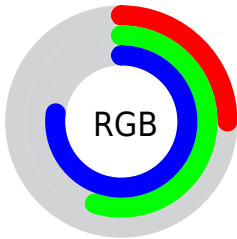
Format	Color
R _Y B	63, 112, 197
Decimal	4165061
CIE Lab	56.23, -5.94, -36.04
CIE LCh	56, 36.526, 260.633
Yxy	24.1377, 0.2120, 0.2363
Android (android.graphics.Color)	4282355141 (0xFF3F8DC5)
YUV	124.0620, 35.9584, -53.5514
Hunter-Lab	49.1302, -7.3086, -33.6011

Details

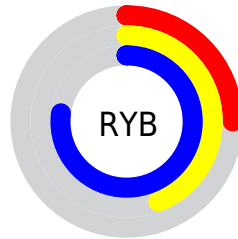
The Hex color **3F8DC5** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark muted azure. A complement of this color would be **C5773F**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **7DC2FE**, and **005B8F** is the 20% darker color. If you saturate the color by 10%, you get **2B85C5**, and if you desaturate by 10%, it is **5395C5**.

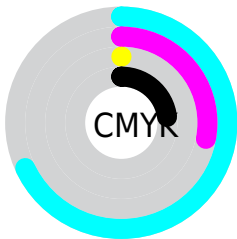
Distribution



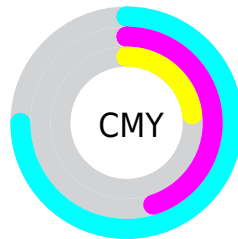
- Red (25%)
- Green (55%)
- Blue (77%)



- Red (25%)
- Yellow (44%)
- Blue (77%)



- Cyan (68%)
- Magenta (28%)
- Yellow (0%)
- Black (23%)



- Cyan (75%)
- Magenta (45%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Hex color 3F8DC5 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 3F8DC5 by changing the saturation by 10% instead.

 3F8DC5

 3F8DC5

FFFFFF

 1574AA

 7DC2FE

 005B8F

 9ADEFF

 004475

 B7FBFF

 002E5C

 D5FFFF

 001A44

 F3FFFF

 00032E

 000118

 000000

 3F8DC5

 3F8DC5

■ 2B85C5

■ 5395C5

■ 187DC5

■ 669DC5

■ 0474C5

■ 7AA6C5

■ 0073C5

■ 8EAEC5

■ A2B6C5

■ B5BEC5

■ C9C7C5

■ DDCFC5

■ F0D7C5

Harmonies

Analogous

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



0094B7



3F8DC5



7B82C2

Triad

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



3F8DC5



C46E72



60935D

Complementary

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



3F8DC5



C5773F

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.



858C4A



3F8DC5



BA7657

Square

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



3F8DC5



BD6E92



A48248



30977B

Rectangle

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



3F8DC5



997AB7



A48248



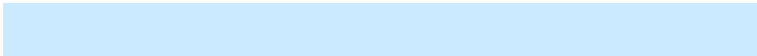
6D9155

Sweetspot

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



3F8DC5



CCEAFF



3FC577



617380



000000



808080

Same Dimension

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



3F8DC5



2EA8FF



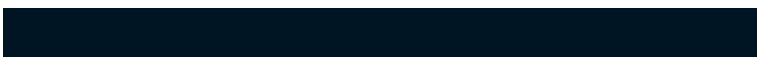
3F4AC5



5A5F63



005FA3



001524

Inverse Universe

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



C53F8D



FF2EA8



C5BA3F



635A5F



A3005F



240015

Previews

White Background



This preview shows how the Hex color 3F8DC5 looks on a white background.

Color Contrast Check

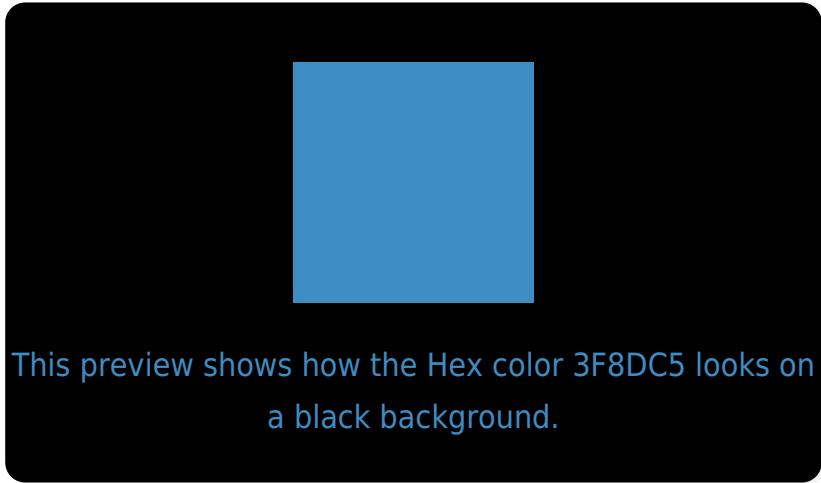
Large Text (above 18pt) WCAG AA ✓ Pass

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

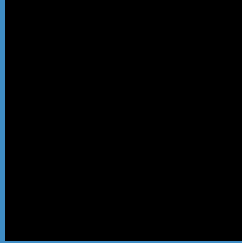
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

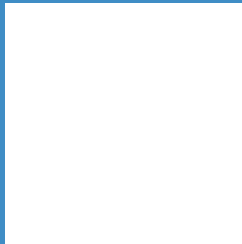
Any Text WCAG AAA × Fail

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

Hex 3F8DC5 Background



This preview shows how black text looks on a background with the Hex color 3F8DC5.

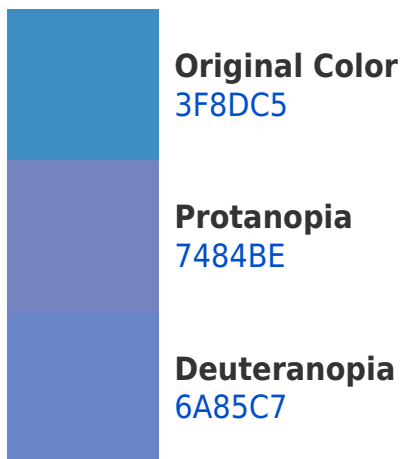


This preview shows how white text looks on a background with the Hex color 3F8DC5.

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](#).

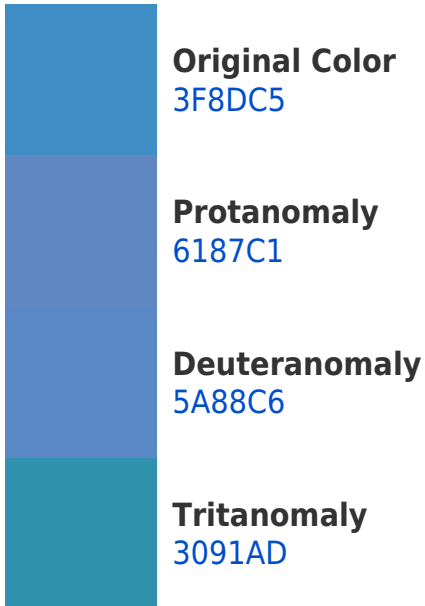
Dichromacy



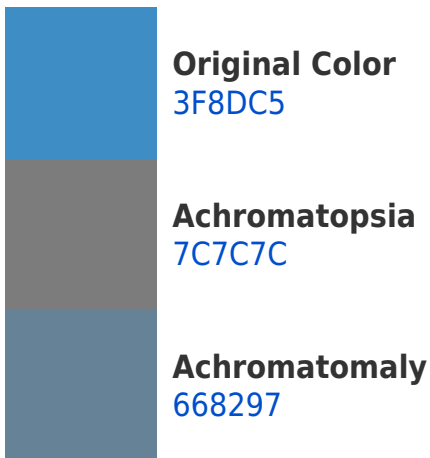


Tritanopia
2794A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3F8DC5 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 #3F8DC5 looks like.

```
.text, #text, p{  
    color:#3F8DC5  
}
```

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 #3F8DC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F8DC5
}
```

Border

The CSS property to change the border of an element to Hex 3F8DC5 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
#3F8DC5 }
```

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

```
.border{ border-color:#3F8DC5 }
```

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

Here you see how a box with a 4 pixel #3F8DC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F8DC5; -webkit-box-shadow:4px 4px  
4px 4px #3F8DC5; box-shadow:4px 4px 4px  
4px #3F8DC5 }
```

Background

The CSS property to change the background color of an element to Hex 3F8DC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F8DC5 }
```

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

```
.background{ background-color:#3F8DC5 }
```

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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