

# Converting Colors

Hex(70E598)

Have a look what the booklet for  
Hex(70E598) contains.

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**Color**

**Hex(70E598)**

# Conversions

## Conversions Part 1

Format	Color
Hex	70E598
RGB	112, 229, 152
RGB Percent	44%, 90%, 60%
CMY	0.5608, 0.1020, 0.4039
CMYK	0.51, 0.00, 0.34, 0.10
HSL	141°, 69%, 67%
HSV	141°, 51%, 90%
XYZ	40.3689, 61.7504, 39.4971
YIQ	185.2390, -45.0150, -48.7510

# Conversions

## Conversions Part 2

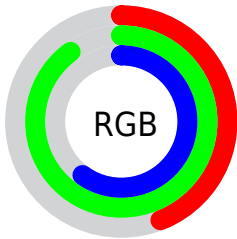
Format	Color
<a href="#">RYB</a>	<a href="#">112, 199, 229</a>
Decimal	<a href="#">7398808</a>
CIELab	<a href="#">82.78, -49.94, 27.67</a>
CIELCh	<a href="#">83, 57.091, 151.005</a>
Yxy	<a href="#">61.7504, 0.2851, 0.4360</a>
Android (android.graphics.Color)	<a href="#">4285588888 (0xFF70E598)</a>
YUV	<a href="#">185.2390, -16.3868, -64.2306</a>
Hunter-Lab	<a href="#">78.5814, -45.8183, 25.2062</a>

# Details

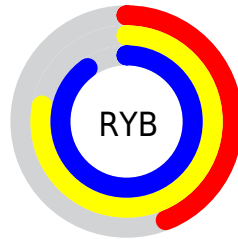
The Hex color **70E598** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E570BD**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **AAFFCF**, and **32AD64** is the 20% darker color. If you saturate the color by 10%, you get **59E589**, and if you desaturate by 10%, it is **87E5A7**.

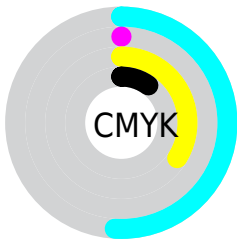
# Distribution



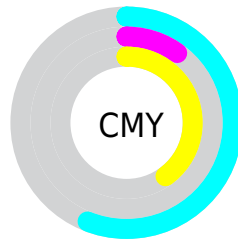
- Red (44%)
- Green (90%)
- Blue (60%)



- Red (44%)
- Yellow (78%)
- Blue (90%)



- Cyan (51%)
- Magenta (0%)
- Yellow (34%)
- Black (10%)



- Cyan (56%)
- Magenta (10%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70E598 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 70E598 by changing the saturation by 10% instead.



 70E598

 70E598

FFFFFF

 52C87E

 AAFFCF

 32AD64

 C8FFEB

 00914C

 E5FFFF

 007734

 005D1D

 004405

 002E00

 001100

 000000

 70E598

 70E598

 59E589

 87E5A7

 42E57A

 9EE5B6

 2BE56B

 B5E5C5

 14E55C

 CCE5D4

 00E54E

 E3E5E3

 F9E5F2

 FFE5FF

# Harmonies

## Analogous

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



B5DB6F



70E598



00E9CE

# Triad

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



70E598



72D3FF



FFA79A

# Complementary

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



70E598



E570BD

# 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.



FFA1CE



70E598



D4BFFF

# Square

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



70E598



00E1FF



FFABFF



FFB871

# Rectangle

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



70E598



00E9F3



FFABFF



FFA3AB

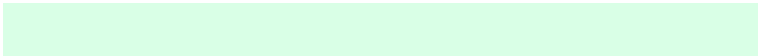


# Sweetspot

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



70E598



D9FFE6



BEE570



698070



000000



808080



# Same Dimension

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



70E598



63FF99



70E5D1



67736B



00B33D



003311



# Inverse Universe

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



E570BD



FF63CA



E57084



73676F



B30075

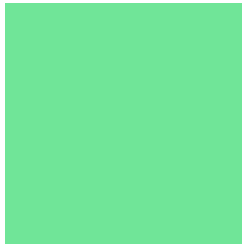


330022



# Previews

## White Background



This preview shows how the Hex color 70E598 looks on a white background.

## Color Contrast Check

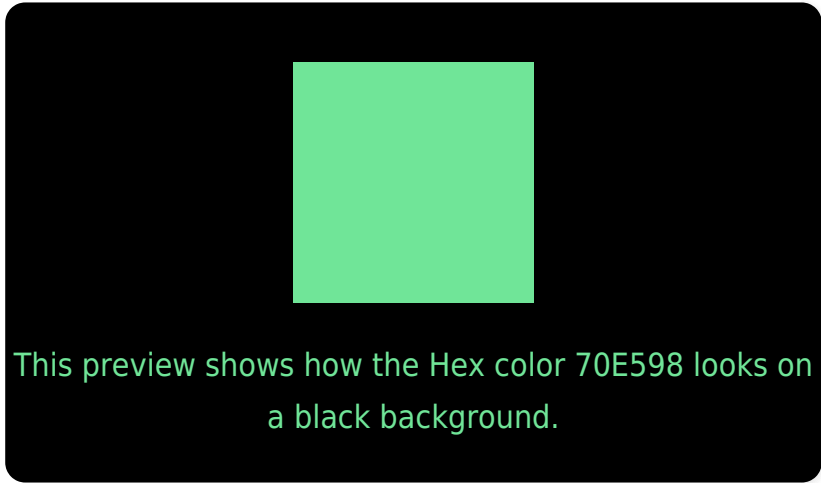
Large Text (above 18pt) WCAG AA × Fail

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

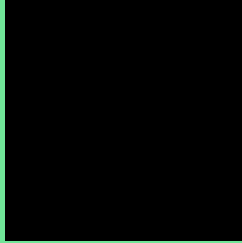
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 70E598 Background



This preview shows how black text looks on a background with the Hex color 70E598.

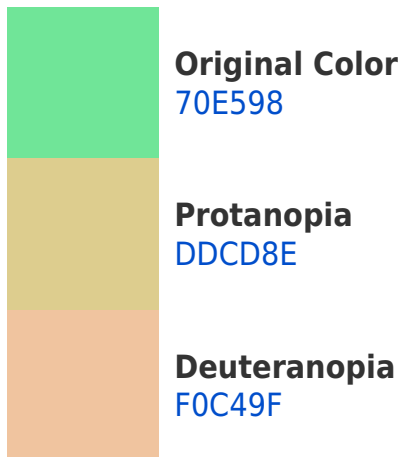


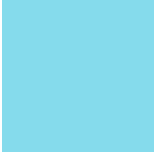
This preview shows how white text looks on a background with the Hex color 70E598.

# 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



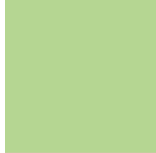


**Tritanopia**  
85DBEC

# Trichromacy



**Original Color**  
70E598



**Protanomaly**  
B5D692



**Deuteranomaly**  
C1D09C

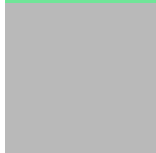


**Tritanomaly**  
7DDFCD

# Monochromacy



**Original Color**  
70E598



**Achromatopsia**  
B9B9B9



**Achromatomaly**  
9EC9AD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70E598 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 #70E598 looks like.

```
.text, #text, p{  
    color:#70E598  
}
```

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 #70E598 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70E598
}
```

## Border

The CSS property to change the border of an element to Hex 70E598 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
#70E598 }
```

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

```
.border{ border-color:#70E598 }
```

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

Here you see how a box with a 4 pixel #70E598 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70E598; -webkit-box-shadow:4px 4px  
4px 4px #70E598; box-shadow:4px 4px 4px  
4px #70E598 }
```

# Background

The CSS property to change the background color of an element to Hex 70E598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70E598 }
```

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

```
.background{ background-color:#70E598 }
```

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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