

# Converting Colors

Hex(69F183)

Have a look what the booklet for  
Hex(69F183) contains.

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**Color**

**Hex(69F183)**

# Conversions

## Conversions Part 1

Format	Color
Hex	69F183
RGB	105, 241, 131
RGB Percent	41%, 95%, 51%
CMY	0.5882, 0.0549, 0.4863
CMYK	0.56, 0.00, 0.46, 0.05
HSL	131°, 83%, 68%
HSV	131°, 56%, 95%
XYZ	41.3777, 67.5525, 32.3308
YIQ	187.7960, -45.7460, -63.0420

# Conversions

## Conversions Part 2

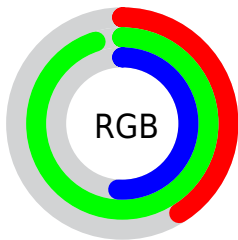
<b>Format</b>	<b>Color</b>
<b>RYB</b>	105, 219, 241
Decimal	6943107
CIELab	85.78, -59.77, 42.06
CIElCh	86, 73.083, 144.867
Yxy	67.5525, 0.2929, 0.4782
Android (android.graphics.Color)	4285133187 (0xFF69F183)
YUV	187.7960, -28.0004, -72.6121
Hunter-Lab	82.1904, -53.9695, 34.2106

# Details

The Hex color **69F183** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **F169D7**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **A6FFB9**, and **1FB84F** is the 20% darker color. If you saturate the color by 10%, you get **51F170**, and if you desaturate by 10%, it is **81F196**.

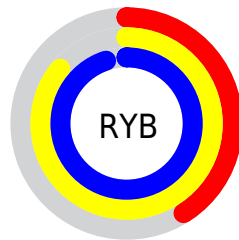
# Distribution



Red (41%)

Green (95%)

Blue (51%)



Red (41%)

Yellow (86%)

Blue (95%)

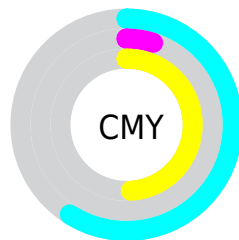


Cyan (56%)

Magenta (0%)

Yellow (46%)

Black (5%)



Cyan (59%)

Magenta (5%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 69F183 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 69F183 by changing the saturation by 10% instead.



 69F183

 69F183


FFFFFF

 48D469

 A6FFB9

 1FB84F

 C4FFD6

 009C36

 E2FFF2

 00811C

 006700

 004D00

 003600

 001D00

 000000

 69F183

 69F183

 51F170

 81F196

 39F15C

 99F1AA

 21F149

 B1F1BD

 09F135

 C9F1D1

 00F12E

 E1F1E4

 FAF1F8

 FFF1FF

# Harmonies

## Analogous

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



C3E44F



69F183



00F7C8

# Triad

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



69F183



00E2FF



FF9DA0

# Complementary

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



69F183



F169D7

# 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.



FF98E5



69F183



C4C9FF

# Square

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



69F183



00F1FF



FFACFF



FFB466

# Rectangle

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



69F183



00F8F8



FFACFF



FF98B7

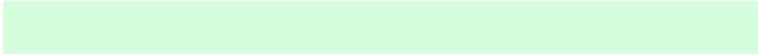


# Sweetspot

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



69F183



D4FFDC



D8F169



66806B



000000



808080



# Same Dimension

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



69F183



52FF73



69F1C6



6C786E



00B823



00380B



# Inverse Universe

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



F169D7



FF52DE



F16994



786C76



B80094

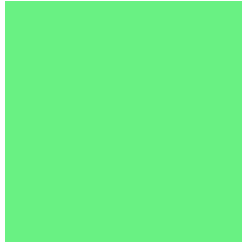


38002D



# Previews

## White Background



This preview shows how the Hex color 69F183 looks on a white background.

## Color Contrast Check

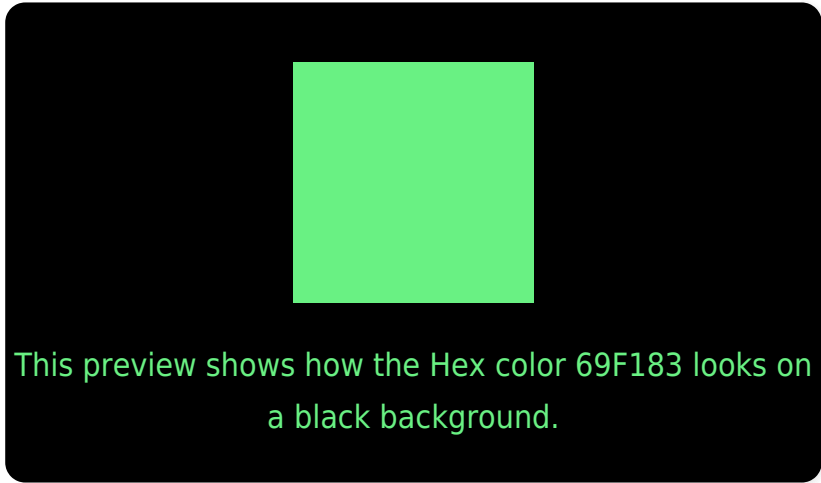
Large Text (above 18pt) WCAG AA × Fail

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

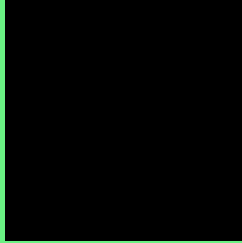
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 69F183 Background



This preview shows how black text looks on a background with the Hex color 69F183.

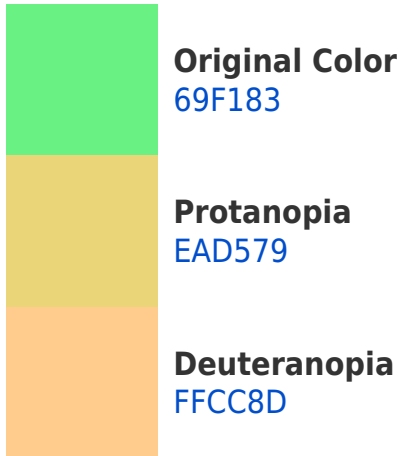


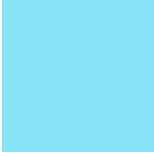
This preview shows how white text looks on a background with the Hex color 69F183.

# 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



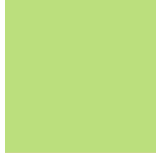


**Tritanopia**  
86E4F6

# Trichromacy



**Original Color**  
69F183



**Protanomaly**  
BBD77D



**Deuteranomaly**  
C8D989

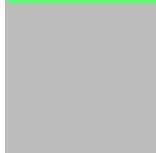


**Tritanomaly**  
7BE9CC

# Monochromacy



**Original Color**  
69F183



**Achromatopsia**  
BCBCBC



**Achromatomaly**  
9ECFA7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 69F183 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 #69F183 looks like.

```
.text, #text, p{  
    color:#69F183  
}
```

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 #69F183 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69F183
}
```

## Border

The CSS property to change the border of an element to Hex 69F183 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
#69F183 }
```

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

```
.border{ border-color:#69F183 }
```

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

Here you see how a box with a 4 pixel #69F183 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69F183; -webkit-box-shadow:4px 4px  
4px 4px #69F183; box-shadow:4px 4px 4px  
4px #69F183 }
```

# Background

The CSS property to change the background color of an element to Hex 69F183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69F183 }
```

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

```
.background{ background-color:#69F183 }
```

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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