

# Converting Colors

Hex(61F787)

Have a look what the booklet for  
Hex(61F787) contains.

<b>Hex(61F787)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(61F787)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61F787
RGB	97, 247, 135
RGB Percent	38%, 97%, 53%
CMY	0.6196, 0.0314, 0.4706
CMYK	0.61, 0.00, 0.45, 0.03
HSL	135°, 90%, 67%
HSV	135°, 61%, 97%
XYZ	42.5637, 70.8122, 34.3465
YIQ	189.3820, -53.4480, -66.6320

# Conversions

## Conversions Part 2

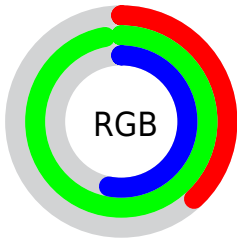
<b>Format</b>	<b>Color</b>
<b>RYB</b>	97, 217, 247
Decimal	6420359
CIELab	87.39, -63.13, 42.12
CIELCh	87, 75.889, 146.289
Yxy	70.8122, 0.2881, 0.4794
Android (android.graphics.Color)	4284610439 (0xFF61F787)
YUV	189.3820, -26.8103, -81.0190
Hunter-Lab	84.1500, -56.9758, 34.7053

# Details

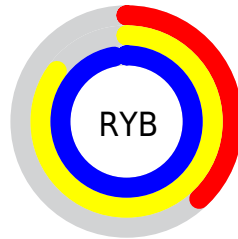
The Hex color **61F787** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **F761D1**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **A0FFBE**, and **00BD53** is the 20% darker color. If you saturate the color by 10%, you get **48F775**, and if you desaturate by 10%, it is **7AF799**.

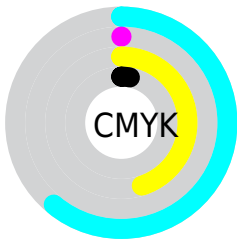
# Distribution



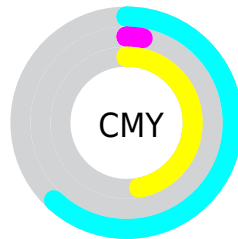
- Red (38%)
- Green (97%)
- Blue (53%)



- Red (38%)
- Yellow (85%)
- Blue (97%)



- Cyan (61%)
- Magenta (0%)
- Yellow (45%)
- Black (3%)



- Cyan (62%)
- Magenta (3%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 61F787 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 61F787 by changing the saturation by 10% instead.



 61F787

 61F787

FFFFFF

 3DDA6D

 A0FFBE

 00BD53

 BEFFDA

 00A23A

 DDFFF7

 008620

 FCFFFF

 006C00

 005200

 003A00

 002100

 000000

 61F787

 61F787

 48F775

 7AF799

 30F762

 92F7AC

 17F750

 ABF7BE

 00F73F

 C4F7D1

 DCF7E3

 F5F7F6

 FFF7FF

# Harmonies

## Analogous

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



C3EA4F



61F787



00FDCF

# Triad

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



61F787



00E6FF



FF9F9F

# Complementary

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



61F787



F761D1

# 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.



FF99E7



61F787



CDCCFF

# Square

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



61F787



00F6FF



FFADFF



FFB863

# Rectangle

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



61F787



00FEFF



FFADFF



FF9AB7

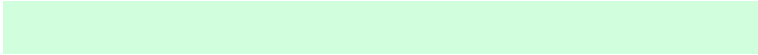


# Sweetspot

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



61F787



D1FFDD



D2F761



63806B



000000



808080



# Same Dimension

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



61F787



45FF74



61F7D2



6E7A71



00BA2F



003B0F



# Inverse Universe

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



F761D1



FF45D0



F76187



7A6E77



BA008B

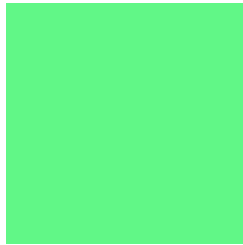


3B002C



# Previews

## White Background



This preview shows how the Hex color 61F787 looks on a white background.

## Color Contrast Check

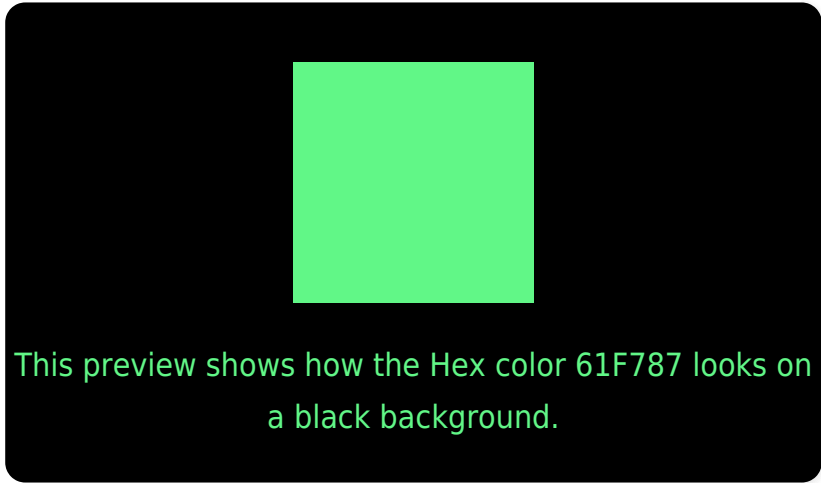
Large Text (above 18pt) WCAG AA × Fail

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

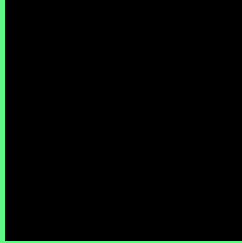
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 61F787 Background



This preview shows how black text looks on a background with the Hex color 61F787.

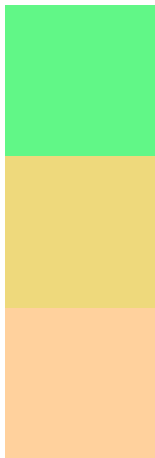


This preview shows how white text looks on a background with the Hex color 61F787.

# 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](#).

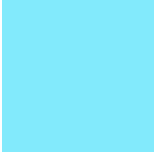
## Dichromacy



**Original Color**  
61F787

**Protanopia**  
EED97C

**Deuteranopia**  
FFD19D



**Tritanopia**  
82EAFC

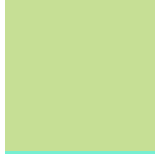
# Trichromacy



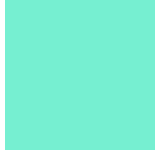
**Original Color**  
61F787



**Protanomaly**  
BBE480



**Deuteranomaly**  
C6DF95

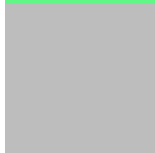


**Tritanomaly**  
76EFD1

# Monochromacy



**Original Color**  
61F787



**Achromatopsia**  
BDBDBD



**Achromatomaly**  
9CD2A9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61F787 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 #61F787 looks like.

```
.text, #text, p{  
    color:#61F787  
}
```

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 #61F787 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61F787
}
```

## Border

The CSS property to change the border of an element to Hex 61F787 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
#61F787 }
```

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

```
.border{ border-color:#61F787 }
```

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

Here you see how a box with a 4 pixel #61F787 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61F787; -webkit-box-shadow:4px 4px  
4px 4px #61F787; box-shadow:4px 4px 4px  
4px #61F787 }
```

# Background

The CSS property to change the background color of an element to Hex 61F787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61F787 }
```

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

```
.background{ background-color:#61F787 }
```

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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