

Converting Colors

Hex(66F890)

Have a look what the booklet for
Hex(66F890) contains.

Hex(66F890)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(66F890)

Conversions

Conversions Part 1

Format	Color
Hex	66F890
RGB	102, 248, 144
RGB Percent	40%, 97%, 56%
CMY	0.6000, 0.0275, 0.4353
CMYK	0.59, 0.00, 0.42, 0.03
HSL	137°, 91%, 69%
HSV	137°, 59%, 97%
XYZ	44.0809, 71.9732, 37.9545
YIQ	192.4900, -53.6320, -63.2960

Conversions

Conversions Part 2

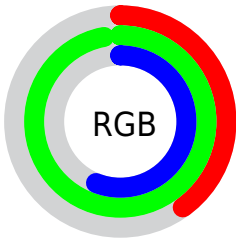
Format	Color
RYB	102, 215, 248
Decimal	6748304
CIELab	87.96, -61.06, 38.48
CIElCh	88, 72.172, 147.781
Yxy	71.9732, 0.2862, 0.4673
Android (android.graphics.Color)	4284938384 (0xFF66F890)
YUV	192.4900, -23.9056, -79.3597
Hunter-Lab	84.8370, -55.7170, 32.8607

Details

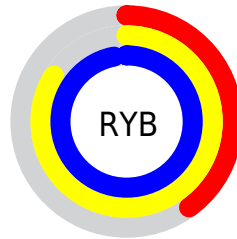
The Hex color **66F890** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **F866CE**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **A4FFC7**, and **13BE5C** is the 20% darker color. If you saturate the color by 10%, you get **4DF87E**, and if you desaturate by 10%, it is **7FF8A2**.

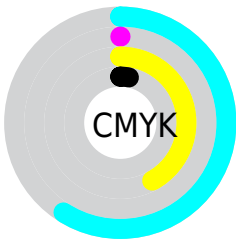
Distribution



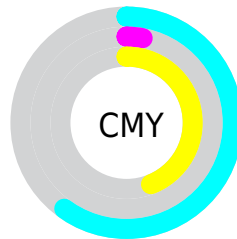
- Red (40%)
- Green (97%)
- Blue (56%)



- Red (40%)
- Yellow (84%)
- Blue (97%)



- Cyan (59%)
- Magenta (0%)
- Yellow (42%)
- Black (3%)



- Cyan (60%)
- Magenta (3%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66F890 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 66F890 by changing the saturation by 10% instead.

 66F890

 66F890

FFFFFF

 44DB76

 A4FFC7

 13BE5C

 C2FFE3

 00A343

 E1FFFF

 00872A

 006D0F

 005300

 003B00

 002300

 000000

 66F890

 66F890

 4DF87E

 7FF8A2

 34F86D

 98F8B3

 1CF85B

 B0F8C5

 03F849

 C9F8D7

 00F847

 E2F8E8

 FBF8FA

 FFF8FF

Harmonies

Analogous

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



C3EB5B



66F890



00FED5

Triad

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



66F890



00E6FF



FFA6A1

Complementary

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



66F890



F866CE

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.



FF9FE5



66F890



D6CDFF

Square

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



66F890



00F6FF



FFB0FF



FFBD68

Rectangle

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



66F890



00FEFF



FFB0FF



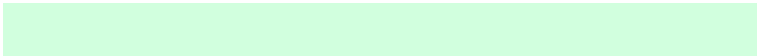
FFA1B6

Sweetspot

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



66F890



D1FFDE



CFF866



63806C



000000



808080

Same Dimension

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



66F890



4AFF7E



66F8D8



707D74



00BD36



003D12

Inverse Universe

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



F866CE



FF4ACB



F86686



7D7079



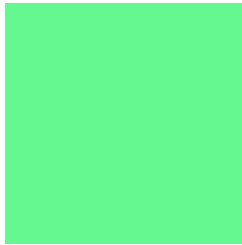
BD0086



3D002C

Previews

White Background



This preview shows how the Hex color 66F890 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



This preview shows how the Hex color 66F890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

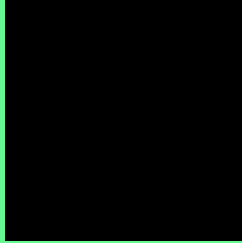
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

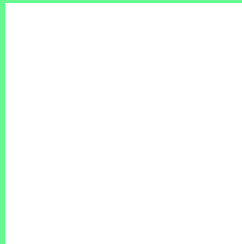
Any Text WCAG AAA ✓ Pass

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

Hex 66F890 Background



This preview shows how black text looks on a background with the Hex color 66F890.

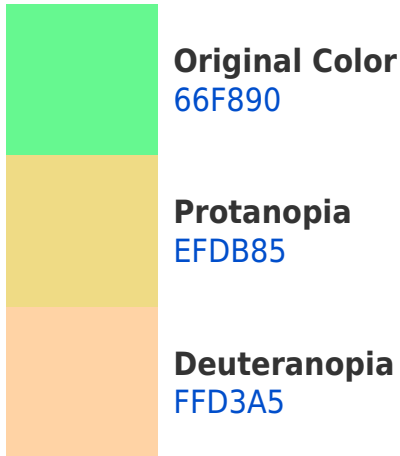


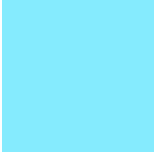
This preview shows how white text looks on a background with the Hex color 66F890.

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
85EBFE

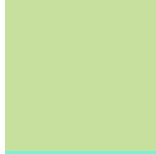
Trichromacy



Original Color
66F890



Protanomaly
BDE689

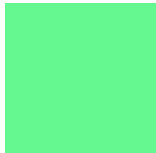


Deuteranomaly
C7E09D

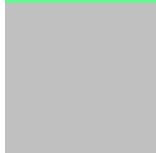


Tritanomaly
7AF0D6

Monochromacy



Original Color
66F890



Achromatopsia
C0C0C0



Achromatomaly
9FD4AF

CSS Examples

Text

The CSS property to change the color of the text to Hex 66F890 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 #66F890 looks like.

```
.text, #text, p{  
    color:#66F890  
}
```

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 #66F890 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66F890
}
```

Border

The CSS property to change the border of an element to Hex 66F890 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
#66F890 }
```

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

```
.border{ border-color:#66F890 }
```

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

Here you see how a box with a 4 pixel #66F890 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66F890; -webkit-box-shadow:4px 4px  
4px 4px #66F890; box-shadow:4px 4px 4px  
4px #66F890 }
```

Background

The CSS property to change the background color of an element to Hex 66F890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66F890 }
```

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

```
.background{ background-color:#66F890 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor