

Converting Colors

Hex(7AF36C)

Have a look what the booklet for
Hex(7AF36C) contains.

Hex(7AF36C)	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(7AF36C)

Conversions

Conversions Part 1

Format	Color
Hex	7AF36C
RGB	122, 243, 108
RGB Percent	48%, 95%, 42%
CMY	0.5216, 0.0471, 0.5765
CMYK	0.50, 0.00, 0.56, 0.05
HSL	114°, 85%, 69%
HSV	114°, 56%, 95%
XYZ	42.7834, 69.3215, 25.3128
YIQ	191.4310, -28.7810, -67.6370

Conversions

Conversions Part 2

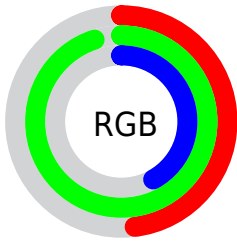
Format	Color
RYB	108, 243, 229
Decimal	8057708
CIELab	86.66, -59.32, 54.03
CIELCh	87, 80.238, 137.674
Yxy	69.3215, 0.3113, 0.5045
Android (android.graphics.Color)	4286247788 (0xFF7AF36C)
YUV	191.4310, -41.1315, -60.8910
Hunter-Lab	83.2595, -53.9808, 40.2561

Details

The Hex color **7AF36C** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **E56CF3**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **B6FFA3**, and **3ABA36** is the 20% darker color. If you saturate the color by 10%, you get **64F354**, and if you desaturate by 10%, it is **90F384**.

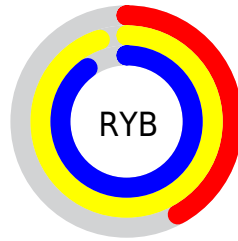
Distribution



Red (48%)

Green (95%)

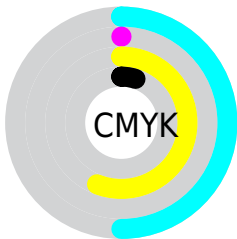
Blue (42%)



Red (42%)

Yellow (95%)

Blue (90%)

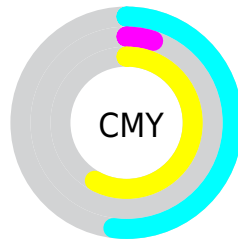


Cyan (50%)

Magenta (0%)

Yellow (56%)

Black (5%)



Cyan (52%)

Magenta (5%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AF36C 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 7AF36C by changing the saturation by 10% instead.

 7AF36C

 7AF36C

FFFFFF

 5BD651

 B6FFA3

 3ABA36

 D4FFBF

 039E17

 F2FFDB

 008300

 FFFFF8

 006900

 004F00

 003800

 001F00

 000000

 7AF36C

 7AF36C

 64F354

 90F384

 4EF33B

 A6F39D

 39F323

 BBF3B5

 23F30B

 D1F3CD

 19F300

 E7F3E5

 FDF3FE

 FFF3FF

Harmonies

Analogous

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



D5E335



7AF36C



00FBB6

Triad

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



7AF36C



00EBFF



FF93AF

Complementary

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



7AF36C



E56CF3

Split Complementary

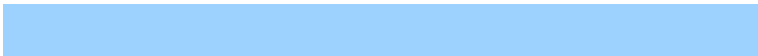
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF95FC



7AF36C



9DD2FF

Square

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



7AF36C



00F8FF



FFB1FF



FFAB6A

Rectangle

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



7AF36C



00FDEB



FFB1FF



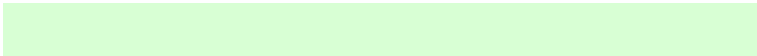
FF90C8

Sweetspot

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



7AF36C



D8FFD4



F3E36C



698066



000000



808080

Same Dimension

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



7AF36C



66FF54



6CF3A0



6F7A6E



13BA00



063B00

Inverse Universe

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



E56CF3



ED54FF



F36CBF



796E7A



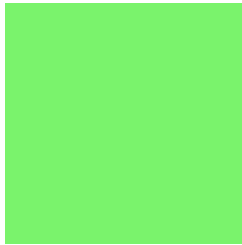
A700BA



35003B

Previews

White Background



This preview shows how the Hex color 7AF36C looks on a white background.

Color Contrast Check

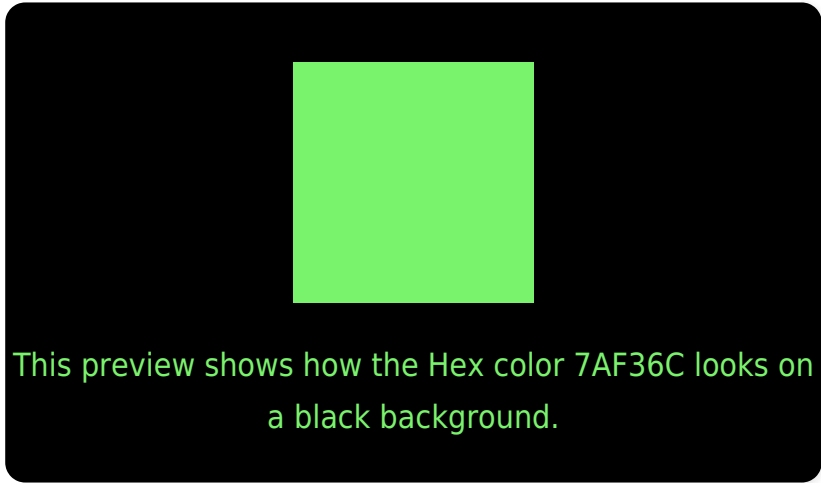
Large Text (above 18pt) WCAG AA × Fail

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

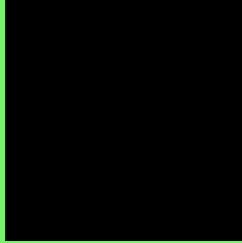
Any Text WCAG AA ✓ Pass

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 7AF36C Background



This preview shows how black text looks on a background with the Hex color 7AF36C.

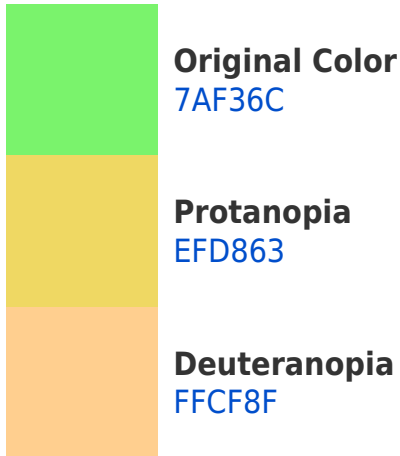


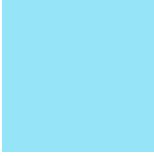
This preview shows how white text looks on a background with the Hex color 7AF36C.

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



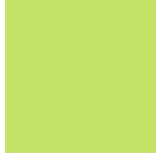


Tritanopia
96E4F7

Trichromacy



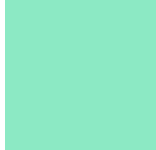
Original Color
7AF36C



Protanomaly
C4E266



Deuteranomaly
CFDC82

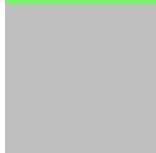


Tritanomaly
8CE9C4

Monochromacy



Original Color
7AF36C



Achromatopsia
BFBFBF



Achromatomaly
A6D2A1

CSS Examples

Text

The CSS property to change the color of the text to Hex 7AF36C 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 #7AF36C looks like.

```
.text, #text, p{  
    color:#7AF36C  
}
```

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 #7AF36C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AF36C
}
```

Border

The CSS property to change the border of an element to Hex 7AF36C 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
#7AF36C }
```

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

```
.border{ border-color:#7AF36C }
```

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

Here you see how a box with a 4 pixel #7AF36C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AF36C; -webkit-box-shadow:4px 4px  
4px 4px #7AF36C; box-shadow:4px 4px 4px  
4px #7AF36C }
```

Background

The CSS property to change the background color of an element to Hex 7AF36C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AF36C }
```

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

```
.background{ background-color:#7AF36C }
```

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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