

Converting Colors

Hex(7AF53D)

Have a look what the booklet for
Hex(7AF53D) contains.

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Color

Hex(7AF53D)

Conversions

Conversions Part 1

Format	Color
Hex	7AF53D
RGB	122, 245, 61
RGB Percent	48%, 96%, 24%
CMY	0.5216, 0.0392, 0.7608
CMYK	0.50, 0.00, 0.75, 0.04
HSL	100°, 90%, 60%
HSV	100°, 75%, 96%
XYZ	41.5208, 69.7793, 15.6953
YIQ	187.2470, -14.2440, -83.3000

Conversions

Conversions Part 2

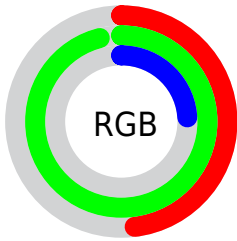
Format	Color
RYB	61, 245, 184
Decimal	8058173
CIELab	86.89, -64.10, 72.53
CIElCh	87, 96.795, 131.470
Yxy	69.7793, 0.3269, 0.5495
Android (android.graphics.Color)	4286248253 (0xFF7AF53D)
YUV	187.2470, -62.2398, -57.2216
Hunter-Lab	83.5340, -57.4607, 47.3338

Details

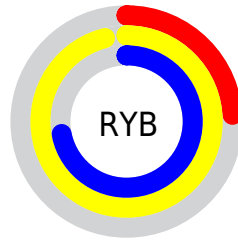
The Hex color **7AF53D** is a dark color, and the websafe version is hex **99FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **B83DF5**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **B7FF78**, and **36BC00** is the 20% darker color. If you saturate the color by 10%, you get **6AF524**, and if you desaturate by 10%, it is **8AF556**.

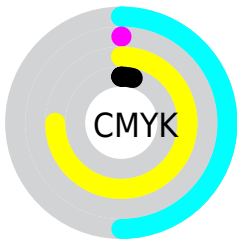
Distribution



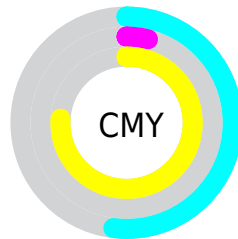
- Red (48%)
- Green (96%)
- Blue (24%)



- Red (24%)
- Yellow (96%)
- Blue (72%)



- Cyan (50%)
- Magenta (0%)
- Yellow (75%)
- Black (4%)



- Cyan (52%)
- Magenta (4%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AF53D 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 7AF53D by changing the saturation by 10% instead.

 7AF53D

 7AF53D

FFFFFF

 5AD816


 B7FF78

 36BC00

 D6FF95

 00A000

 F5FFB2

 008500

 FFFFCE

 006A00

 FFFFED

 005100

 003900

 002000

 000000

 7AF53D

 7AF53D

 6AF524

 8AF556

 59F50C

 9BF56E

 51F500

 ABF586

 BCF59F

 CCF5B7

 DCF5D0

 EDF5E9

 FDF5FF

 FFF5FF

Harmonies

Analogous

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



E3E100



7AF53D



00FF9B

Triad

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



7AF53D



00F4FF



FF76BA

Complementary

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



7AF53D



B83DF5

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.



FF84FF



7AF53D



00D9FF

Square

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



7AF53D



00FFFF



FFB0FF



FF9663

Rectangle

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



7AF53D



00FFDC



FFB0FF



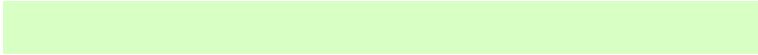
FF75D9

Sweetspot

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



7AF53D



D8FFC4



F5B83D



68805C



000000



808080

Same Dimension

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



7AF53D



66FF19



3DF55C



727A6E



3EBA00



133B00

Inverse Universe

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



B83DF5



B319FF



F53DD6



766E7A



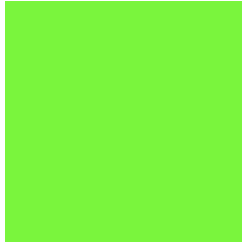
7C00BA



27003B

Previews

White Background



This preview shows how the Hex color 7AF53D 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 7AF53D 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

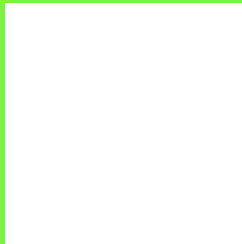
Any Text WCAG AAA ✓ Pass

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

Hex 7AF53D Background



This preview shows how black text looks on a background with the Hex color 7AF53D.

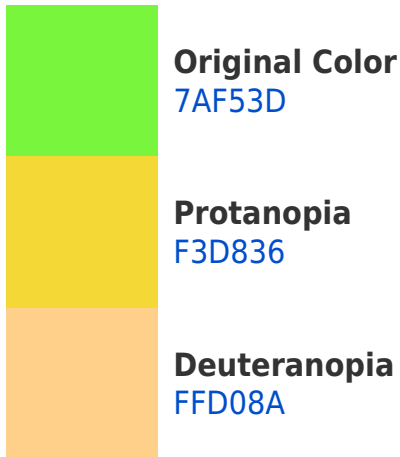


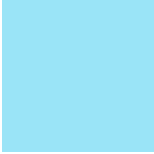
This preview shows how white text looks on a background with the Hex color 7AF53D.

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
9AE4F7

Trichromacy



Original Color
7AF53D



Protanomaly
C7E339



Deuteranomaly
CFDD6E

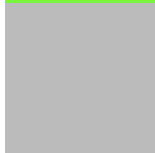


Tritanomaly
8EEAB3

Monochromacy



Original Color
7AF53D



Achromatopsia
BBBBBB



Achromatomaly
A3D08D

CSS Examples

Text

The CSS property to change the color of the text to Hex 7AF53D 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 #7AF53D looks like.

```
.text, #text, p{  
    color:#7AF53D  
}
```

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 #7AF53D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AF53D
}
```

Border

The CSS property to change the border of an element to Hex 7AF53D 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
#7AF53D }
```

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

```
.border{ border-color:#7AF53D }
```

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

Here you see how a box with a 4 pixel #7AF53D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AF53D; -webkit-box-shadow:4px 4px  
4px 4px #7AF53D; box-shadow:4px 4px 4px  
4px #7AF53D }
```

Background

The CSS property to change the background color of an element to Hex 7AF53D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AF53D }
```

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

```
.background{ background-color:#7AF53D }
```

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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