

Converting Colors

Hex(6AF56C)

Have a look what the booklet for
Hex(6AF56C) contains.

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Color

Hex(6AF56C)

Conversions

Conversions Part 1

Format	Color
Hex	6AF56C
RGB	106, 245, 108
RGB Percent	42%, 96%, 42%
CMY	0.5843, 0.0392, 0.5765
CMYK	0.57, 0.00, 0.56, 0.04
HSL	121°, 87%, 69%
HSV	121°, 57%, 96%
XYZ	41.3030, 69.4517, 25.4160
YIQ	187.8210, -38.8670, -72.0750

Conversions

Conversions Part 2

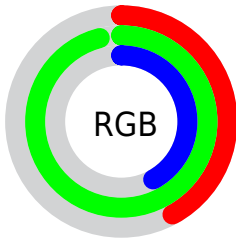
Format	Color
RYB	106, 243, 245
Decimal	7009644
CIELab	86.73, -64.07, 53.97
CIElCh	87, 83.773, 139.889
Yxy	69.4517, 0.3033, 0.5100
Android (android.graphics.Color)	4285199724 (0xFF6AF56C)
YUV	187.8210, -39.3518, -71.7570
Hunter-Lab	83.3377, -57.3745, 40.2544

Details

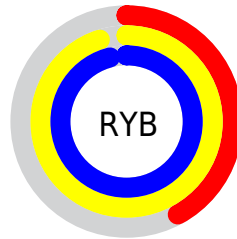
The Hex color **6AF56C** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **F56AF3**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **A8FFA3**, and **1CBC36** is the 20% darker color. If you saturate the color by 10%, you get **52F554**, and if you desaturate by 10%, it is **83F584**.

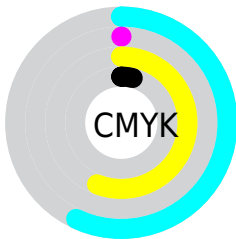
Distribution



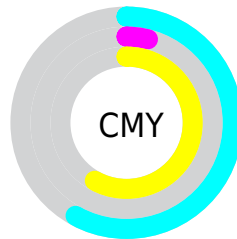
- Red (42%)
- Green (96%)
- Blue (42%)



- Red (42%)
- Yellow (95%)
- Blue (96%)



- Cyan (57%)
- Magenta (0%)
- Yellow (56%)
- Black (4%)



- Cyan (58%)
- Magenta (4%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AF56C 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 6AF56C by changing the saturation by 10% instead.

 6AF56C

 6AF56C

FFFFFF

 48D851

 A8FFA3

 1CBC36

 C6FFBF

 00A017

 E5FFDB

 008500

 FFFFF9

 006A00

 005000

 003800

 001F00

 000000

 6AF56C

 6AF56C

 52F554

 83F584

 39F53C

 9BF59C

 20F524

 B3F5B4

 08F50B

 CCF5CD

 00F504

 E5F5E5

 FDF5FD

 FFF5FF

Harmonies

Analogous

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



CEE52C



6AF56C



00FDBB

Triad

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



6AF56C



00EAFB



FF8FA8

Complementary

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



6AF56C



F56AF3

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.



FF8FF8



6AF56C



A5CFFF

Square

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



6AF56C



00F9FF



FFACFF



FFAB60

Rectangle

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



6AF56C



00FFF2



FFACFF



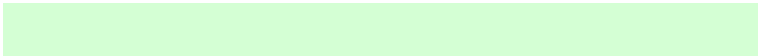
FF8BC2

Sweetspot

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



6AF56C



D4FFD4



F5F56A



668066



000000



808080

Same Dimension

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



6AF56C



52FF54



6AF5B0



6E7A6E



00BA03



003B01

Inverse Universe

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



F56AF3



FF52FD



F56AB0



7A6E7A



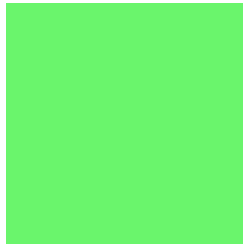
BA00B7



3B003A

Previews

White Background



This preview shows how the Hex color 6AF56C 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 6AF56C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

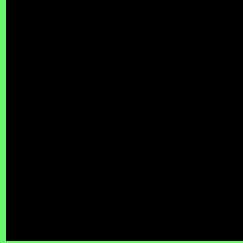
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

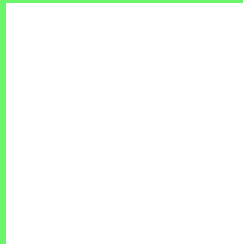
Any Text WCAG AAA ✓ Pass

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

Hex 6AF56C Background



This preview shows how black text looks on a background with the Hex color 6AF56C.

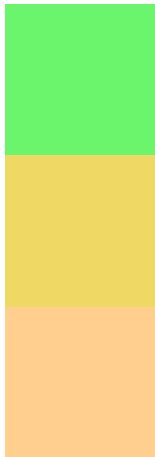


This preview shows how white text looks on a background with the Hex color 6AF56C.

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](#).

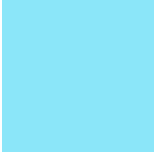
Dichromacy



Original Color
6AF56C

Protanopia
EFD863

Deuteranopia
FFCF8F

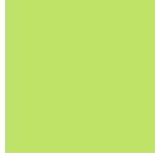


Tritanopia
8BE6F9

Trichromacy



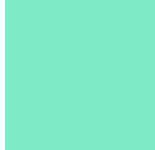
Original Color
6AF56C



Protanomaly
BFE366



Deuteranomaly
C9DD82

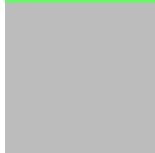


Tritanomaly
7FEBC6

Monochromacy



Original Color
6AF56C



Achromatopsia
BCBCBC



Achromatomaly
9ED19F

CSS Examples

Text

The CSS property to change the color of the text to Hex 6AF56C 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 #6AF56C looks like.

```
.text, #text, p{  
    color:#6AF56C  
}
```

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 #6AF56C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AF56C
}
```

Border

The CSS property to change the border of an element to Hex 6AF56C 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
#6AF56C }
```

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

```
.border{ border-color:#6AF56C }
```

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

Here you see how a box with a 4 pixel #6AF56C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AF56C; -webkit-box-shadow:4px 4px  
4px 4px #6AF56C; box-shadow:4px 4px 4px  
4px #6AF56C }
```

Background

The CSS property to change the background color of an element to Hex 6AF56C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AF56C }
```

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

```
.background{ background-color:#6AF56C }
```

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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