

Converting Colors

Hex(6BFF53)

Have a look what the booklet for
Hex(6BFF53) contains.

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Color

Hex(6BFF53)

Conversions

Conversions Part 1

Format	Color
Hex	6BFF53
RGB	107, 255, 83
RGB Percent	42%, 100%, 33%
CMY	0.5804, 0.0000, 0.6745
CMYK	0.58, 0.00, 0.67, 0.00
HSL	112°, 100%, 66%
HSV	112°, 67%, 100%
XYZ	43.3847, 75.2703, 20.4256
YIQ	191.1400, -32.9960, -84.8680

Conversions

Conversions Part 2

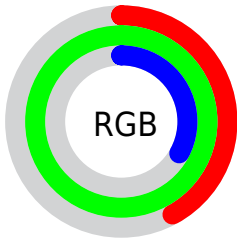
Format	Color
RYB	83, 255, 231
Decimal	7077715
CIELab	89.52, -69.85, 67.44
CIELCh	90, 97.091, 136.005
Yxy	75.2703, 0.3119, 0.5412
Android (android.graphics.Color)	4285267795 (0xFF6BFF53)
YUV	191.1400, -53.3130, -73.7908
Hunter-Lab	86.7585, -62.5660, 46.7722

Details

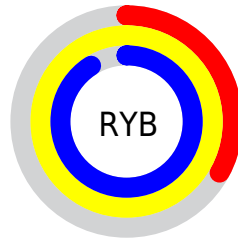
The Hex color **6BFF53** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted chartreuse. A complement of this color would be **E753FF**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **ABFF8C**, and **13C50B** is the 20% darker color. If you saturate the color by 10%, you get **55FF39**, and if you desaturate by 10%, it is **81FF6C**.

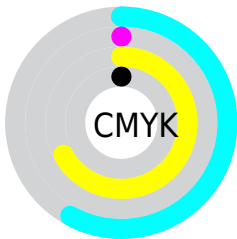
Distribution



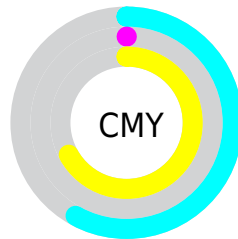
- Red (42%)
- Green (100%)
- Blue (33%)



- Red (33%)
- Yellow (100%)
- Blue (91%)



- Cyan (58%)
- Magenta (0%)
- Yellow (67%)
- Black (0%)



- Cyan (58%)
- Magenta (0%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BFF53 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 6BFF53 by changing the saturation by 10% instead.

 6BFF53

FFFFFF

 ABFF8C

 CAFFA8

 E9FFC5

 FFFFE2

 6BFF53

 47E235

 13C50B

 00A900

 008D00

 007200

 005800

 003F00

 002700

 000000

 6BFF53

 6BFF53

 55FF39

 81FF6C

 3FFF20

 97FF86

 29FF07

 ADFFA0

 24FF00

 C3FFB9

 D9FFD3

 EFFFEC

FFFFFF

Harmonies

Analogous

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



DEEC00



6BFF53



00FFB1

Triad

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



6BFF53



00F8FF



FF81B4

Complementary

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



6BFF53



E753FF

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.



FF87FF



6BFF53



76DBFF

Square

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



6BFF53



00FFFF



FFB0FF



FFA45D

Rectangle

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



6BFF53



00FFF2



FFB0FF



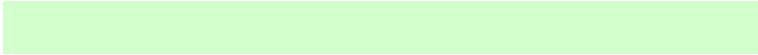
FF7DD2

Sweetspot

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



6BFF53



D3FFCC



FFE553



658061



000000



808080

Same Dimension

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



6BFF53



4DFF30



53FF8F



758073



1BBF00



094000

Inverse Universe

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



E753FF



E230FF



FF53C3



7E7380



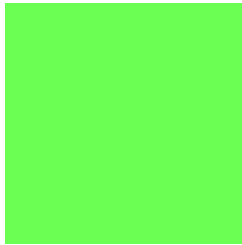
A500BF



370040

Previews

White Background



This preview shows how the Hex color 6BFF53 looks on a white background.

Color Contrast Check

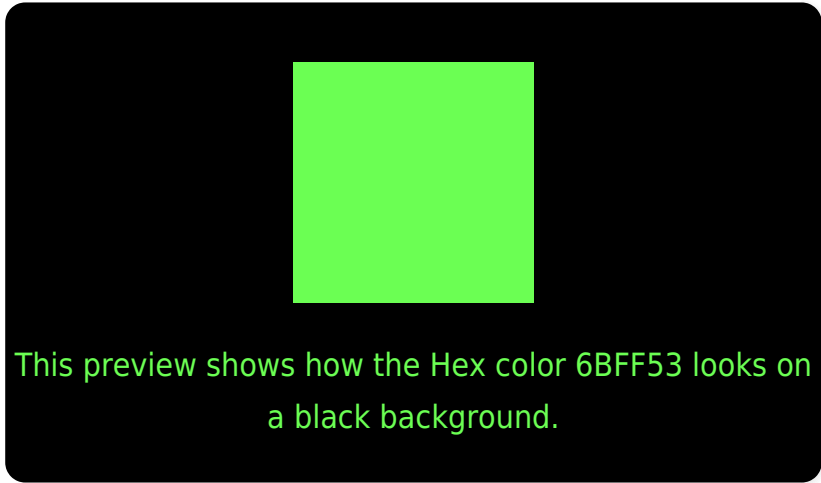
Large Text (above 18pt) WCAG AA × Fail

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

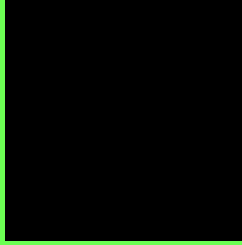
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

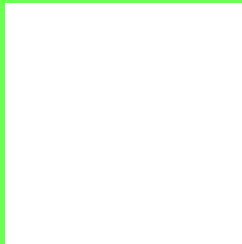
Any Text WCAG AAA ✓ Pass

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

Hex 6BFF53 Background



This preview shows how black text looks on a background with the Hex color 6BFF53.

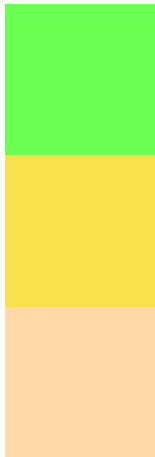


This preview shows how white text looks on a background with the Hex color 6BFF53.

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](#).

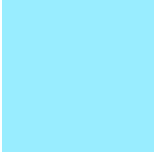
Dichromacy



Original Color
6BFF53

Protanopia
FAE04A

Deuteranopia
FFD9A6

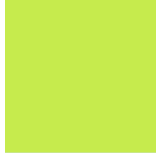


Tritanopia
99EDFF

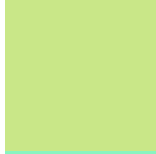
Trichromacy



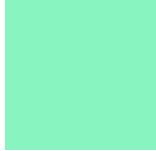
Original Color
6BFF53



Protanomaly
C6EB4D

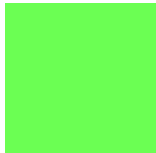


Deuteranomaly
C9E788

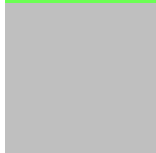


Tritanomaly
88F4C0

Monochromacy



Original Color
6BFF53



Achromatopsia
BFBFBF



Achromatomaly
A0D698

CSS Examples

Text

The CSS property to change the color of the text to Hex 6BFF53 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 #6BFF53 looks like.

```
.text, #text, p{  
    color:#6BFF53  
}
```

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 #6BFF53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BFF53
}
```

Border

The CSS property to change the border of an element to Hex 6BFF53 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
#6BFF53 }
```

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

```
.border{ border-color:#6BFF53 }
```

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

Here you see how a box with a 4 pixel #6BFF53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BFF53; -webkit-box-shadow:4px 4px  
4px 4px #6BFF53; box-shadow:4px 4px 4px  
4px #6BFF53 }
```

Background

The CSS property to change the background color of an element to Hex 6BFF53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BFF53 }
```

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

```
.background{ background-color:#6BFF53 }
```

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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