

Converting Colors

Hex(C6FF53)

Have a look what the booklet for
Hex(C6FF53) contains.

Hex(C6FF53)	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(C6FF53)

Conversions

Conversions Part 1

Format	Color
Hex	C6FF53
RGB	198, 255, 83
RGB Percent	78%, 100%, 33%
CMY	0.2235, 0.0000, 0.6745
CMYK	0.22, 0.00, 0.67, 0.00
HSL	80°, 100%, 66%
HSV	80°, 67%, 100%
XYZ	60.6100, 84.1503, 21.2318
YIQ	218.3490, 21.2400, -65.5760

Conversions

Conversions Part 2

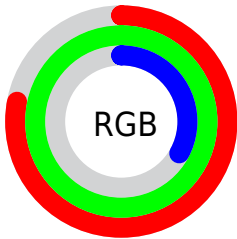
Format	Color
R_{YB}	83, 255, 140
Decimal	13041491
CIE _{Lab}	93.52, -41.68, 72.84
CIE _{LCh}	94, 83.927, 119.780
Yxy	84.1503, 0.3651, 0.5070
Android (android.graphics.Color)	4291231571 (0xFFC6FF53)
YUV	218.3490, -66.7271, -17.8461
Hunter-Lab	91.7335, -42.5953, 50.4907

Details

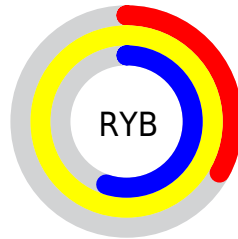
The Hex color **C6FF53** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **8C53FF**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FFFF8D**, and **8CC605** is the 20% darker color. If you saturate the color by 10%, you get **BEFF39**, and if you desaturate by 10%, it is **CEFF6C**.

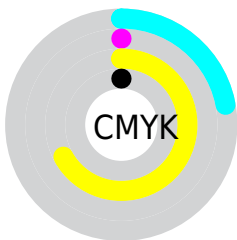
Distribution



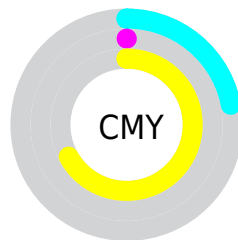
- Red (78%)
- Green (100%)
- Blue (33%)



- Red (33%)
- Yellow (100%)
- Blue (55%)



- Cyan (22%)
- Magenta (0%)
- Yellow (67%)
- Black (0%)



- Cyan (22%)
- Magenta (0%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color C6FF53 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 C6FF53 by changing the saturation by 10% instead.

 C6FF53

 C6FF53

FFFFFF

 A9E234

 FFFF8D

 8CC605

 FFFFA9

 6FAB00

 FFFFC6

 529000

 FFFFE4

 357600

 105D00

 004400

 002E00

 001500

 C6FF53

 C6FF53

 BEFF39

 CEFF6C

 B5FF20

 D7FF86

 ADFF07

 DFFFA0

 AAFF00

 E8FFB9

 F0FFD3

 F9FFEC

FFFFFF

Harmonies

Analogous

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



FFE838



C6FF53



48FF97

Triad

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



C6FF53



00FFFF



FFA0F0

Complementary

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



C6FF53



8C53FF

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.



FFB4FF



C6FF53



00F6FF

Square

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



C6FF53



00FFFF



EBD7FF



FFAAA1

Rectangle

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



C6FF53



00FFCD



EBD7FF



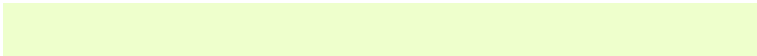
FFA4FF

Sweetspot

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



C6FF53



EEFFCC



FF8953



758061



000000



808080

Same Dimension

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



C6FF53



BBFF30



73FF53



7B8073



80BF00



2B4000

Inverse Universe

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



8C53FF



7530FF



DF53FF



777380



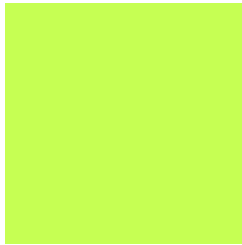
3F00BF



150040

Previews

White Background



This preview shows how the Hex color C6FF53 looks on a white background.

Color Contrast Check

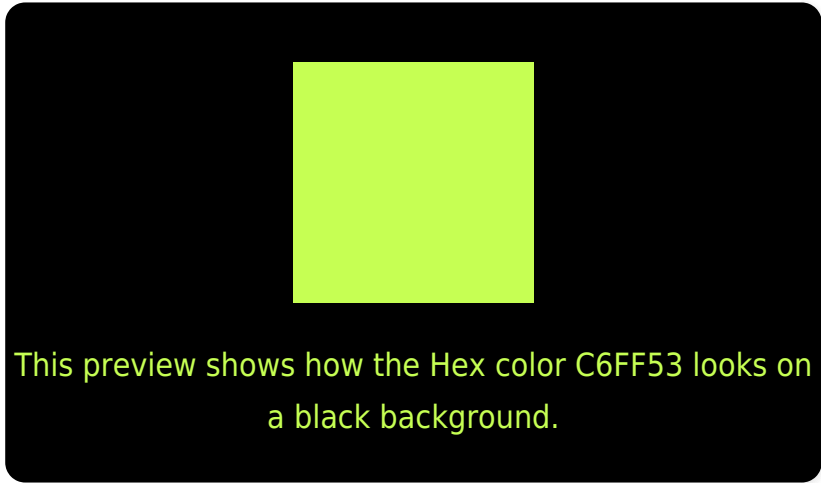
Large Text (above 18pt) WCAG AA × Fail

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 C6FF53 Background



This preview shows how black text looks on a background with the Hex color C6FF53.

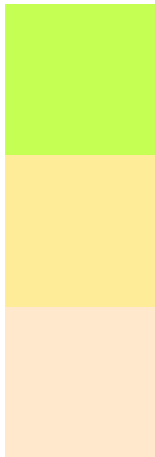


This preview shows how white text looks on a background with the Hex color C6FF53.

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

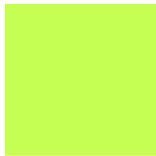


Original Color
C6FF53

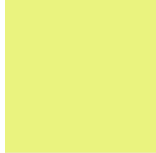
Protanopia
FFEC98

Deuteranopia
FFE8CC

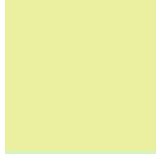
Trichromacy



Original Color
C6FF53



Protanomaly
EAF37F



Deuteranomaly
EAF0A0

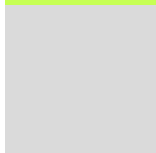


Tritanomaly
D5F4C0

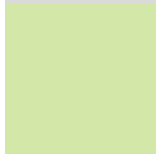
Monochromacy



Original Color
C6FF53



Achromatopsia
DADADA



Achromatomaly
D3E7A9

CSS Examples

Text

The CSS property to change the color of the text to Hex C6FF53 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 #C6FF53 looks like.

```
.text, #text, p{  
    color:#C6FF53  
}
```

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 #C6FF53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6FF53
}
```

Border

The CSS property to change the border of an element to Hex C6FF53 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
#C6FF53 }
```

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

```
.border{ border-color:#C6FF53 }
```

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

Here you see how a box with a 4 pixel #C6FF53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6FF53; -webkit-box-shadow:4px 4px  
4px 4px #C6FF53; box-shadow:4px 4px 4px  
4px #C6FF53 }
```

Background

The CSS property to change the background color of an element to Hex C6FF53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6FF53 }
```

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

```
.background{ background-color:#C6FF53 }
```

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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