

Converting Colors

Hex(6CEF5B)

Have a look what the booklet for
Hex(6CEF5B) contains.

Hex(6CEF5B)	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(6CEF5B)

Conversions

Conversions Part 1

Format	Color
Hex	6CEF5B
RGB	108, 239, 91
RGB Percent	42%, 94%, 36%
CMY	0.5765, 0.0627, 0.6431
CMYK	0.55, 0.00, 0.62, 0.06
HSL	113°, 82%, 65%
HSV	113°, 62%, 94%
XYZ	38.9392, 65.6765, 20.5221
YIQ	182.9590, -30.5680, -73.8000

Conversions

Conversions Part 2

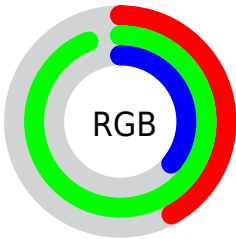
Format	Color
RYB	91, 239, 222
Decimal	7139163
CIELab	84.83, -63.26, 59.18
CIELCh	85, 86.627, 136.912
Yxy	65.6765, 0.3112, 0.5248
Android (android.graphics.Color)	4285329243 (0xFF6CEF5B)
YUV	182.9590, -45.3358, -65.7390
Hunter-Lab	81.0410, -56.0548, 41.7147

Details

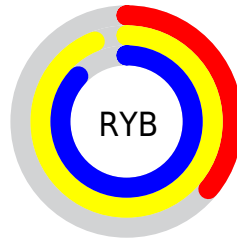
The Hex color **6CEF5B** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted chartreuse. A complement of this color would be **DE5BEF**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **A9FF92**, and **22B621** is the 20% darker color. If you saturate the color by 10%, you get **57EF43**, and if you desaturate by 10%, it is **81EF73**.

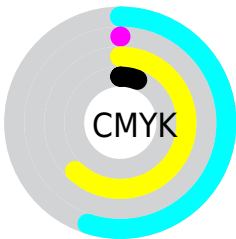
Distribution



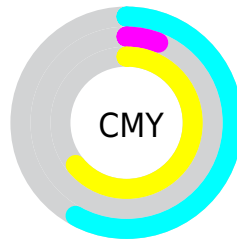
- Red (42%)
- Green (94%)
- Blue (36%)



- Red (36%)
- Yellow (94%)
- Blue (87%)



- Cyan (55%)
- Magenta (0%)
- Yellow (62%)
- Black (6%)



- Cyan (58%)
- Magenta (6%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CEF5B 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 6CEF5B by changing the saturation by 10% instead.

 6CEF5B

 6CEF5B


FFFFFF

 4BD23F

 A9FF92

 22B621

 C7FFAE

 009A00

 E6FFCB

 007F00

 FFFFE8

 006500

 004B00

 003500

 001A00

 000000

 6CEF5B

 6CEF5B

 57EF43

 81EF73

 42EF2B

 96EF8B

 2DEF13

 ABEFA3

 1BEF00

 C1EFBB

 D6EFD3

 EBEFEA

 FFEFFF

Harmonies

Analogous

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



D0DE0B



6CEF5B



00F8AC

Triad

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



6CEF5B



00E7FF



FF84A9

Complementary

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



6CEF5B



DE5BEF

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.



FF87FB



6CEF5B



86CDFF

Square

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



6CEF5B



00F6FF



FFA9FF



FFA05E

Rectangle

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



6CEF5B



00FAE5



FFA9FF



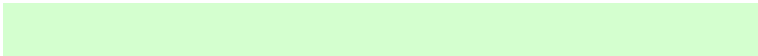
FF80C4

Sweetspot

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



6CEF5B



D4FFCF



EFDE5B



668062



000000



808080

Same Dimension

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



6CEF5B



58FF42



5BEF94



6D786C



15B800



063800

Inverse Universe

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



DE5BEF



E942FF



EF5BB6



766C78



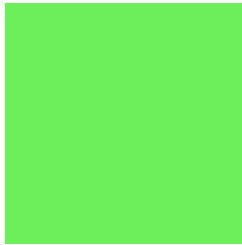
A300B8



320038

Previews

White Background



This preview shows how the Hex color 6CEF5B 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 6CEF5B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

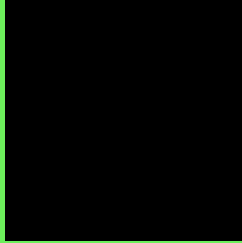
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

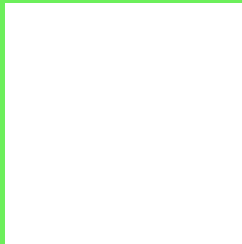
Any Text WCAG AAA ✓ Pass

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

Hex 6CEF5B Background



This preview shows how black text looks on a background with the Hex color 6CEF5B.

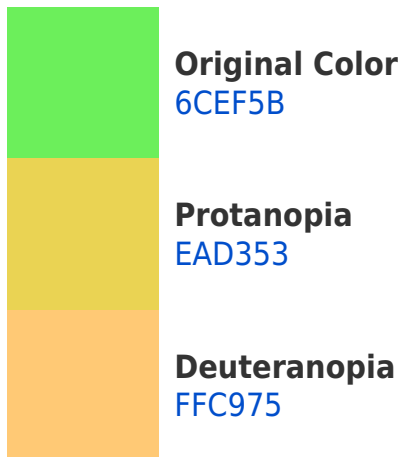


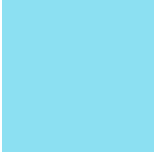
This preview shows how white text looks on a background with the Hex color 6CEF5B.

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
8CE0F2

Trichromacy



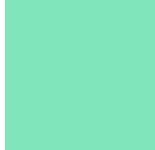
Original Color
6CEF5B



Protanomaly
BCDD56



Deuteranomaly
CAD76C

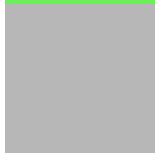


Tritanomaly
80E5BB

Monochromacy



Original Color
6CEF5B



Achromatopsia
B7B7B7



Achromatomaly
9CCB96

CSS Examples

Text

The CSS property to change the color of the text to Hex 6CEF5B 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 #6CEF5B looks like.

```
.text, #text, p{  
    color:#6CEF5B  
}
```

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 #6CEF5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CEF5B
}
```

Border

The CSS property to change the border of an element to Hex 6CEF5B 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
#6CEF5B }
```

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

```
.border{ border-color:#6CEF5B }
```

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

Here you see how a box with a 4 pixel #6CEF5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CEF5B; -webkit-box-shadow:4px 4px  
4px 4px #6CEF5B; box-shadow:4px 4px 4px  
4px #6CEF5B }
```

Background

The CSS property to change the background color of an element to Hex 6CEF5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CEF5B }
```

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

```
.background{ background-color:#6CEF5B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor