

Converting Colors

Hex(65C933)

Have a look what the booklet for
Hex(65C933) contains.

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Color

Hex(65C933)

Conversions

Conversions Part 1

Format	Color
Hex	65C933
RGB	101, 201, 51
RGB Percent	40%, 79%, 20%
CMY	0.6039, 0.2118, 0.8000
CMYK	0.50, 0.00, 0.75, 0.21
HSL	100°, 60%, 49%
HSV	100°, 75%, 79%
XYZ	26.8510, 44.7790, 10.3600
YIQ	154.0000, -11.4500, -67.8500

Conversions

Conversions Part 2

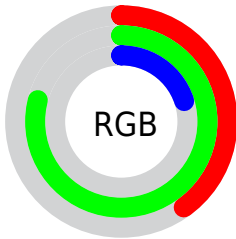
Format	Color
RYB	51, 201, 151
Decimal	6670643
CIELab	72.75, -54.45, 61.71
CIELCh	73, 82.293, 131.425
Yxy	44.7790, 0.3275, 0.5462
Android (android.graphics.Color)	4284860723 (0xFF65C933)
YUV	154.0000, -50.7790, -46.4810
Hunter-Lab	66.9171, -45.4804, 37.6628

Details

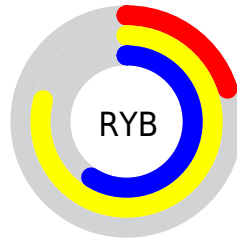
The Hex color **65C933** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **9733C9**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **A0FF6B**, and **229200** is the 20% darker color. If you saturate the color by 10%, you get **58C91F**, and if you desaturate by 10%, it is **72C947**.

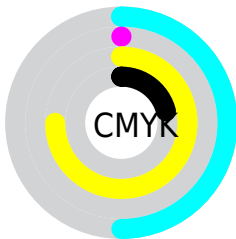
Distribution



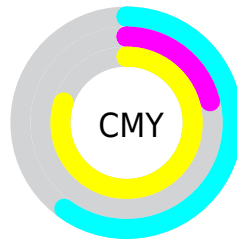
- Red (40%)
- Green (79%)
- Blue (20%)



- Red (20%)
- Yellow (79%)
- Blue (59%)



- Cyan (50%)
- Magenta (0%)
- Yellow (75%)
- Black (21%)



- Cyan (60%)
- Magenta (21%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65C933 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 65C933 by changing the saturation by 10% instead.

 65C933

 65C933

FFFFFF

 46AD0E

 A0FF6B

 229200

 BDFF87

 007700

 DBFFA3

 005E00

 F9FFBF

 004500

 FFFFDC

 002F00

 FFFFFA

 001100

 000000

 65C933

 65C933

■ 58C91F

■ 72C947

■ 4AC90B

■ 80C95B

■ 43C900

■ 8DC96F

■ 9BC983

■ A8C998

■ B5C9AC

■ C3C9C0

■ D0C9D4

■ DEC9E8

Harmonies

Analogous

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



BBB800



65C933



00D27F

Triad

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



65C933



00C8FF



FF6299

Complementary

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



65C933



9733C9

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.



FF6DE4



65C933



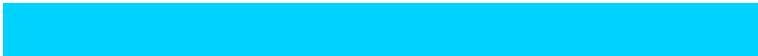
18B2FF

Square

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



65C933



00D2FF



D991FF



FF7B52

Rectangle

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



65C933



00D4B4



D991FF



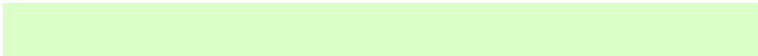
FF61B2

Sweetspot

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



65C933



DAFFC7



C99733



69805E



000000



808080

Same Dimension

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



65C933



66FF19



33C94C



5D635A



36A300



0C2400

Inverse Universe

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



9733C9



B319FF



C933B0



605A63



6D00A3



180024

Previews

White Background



This preview shows how the Hex color 65C933 looks on a white background.

Color Contrast Check

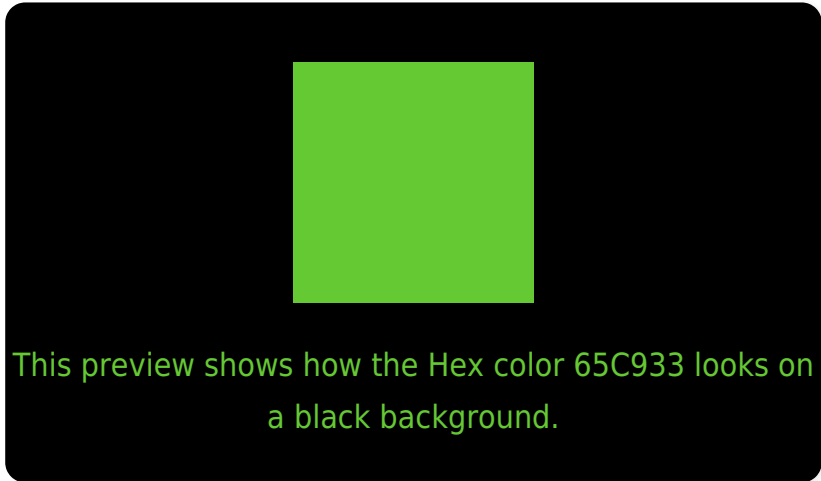
Large Text (above 18pt) WCAG AA × Fail

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 65C933 Background



This preview shows how black text looks on a background with the Hex color 65C933.

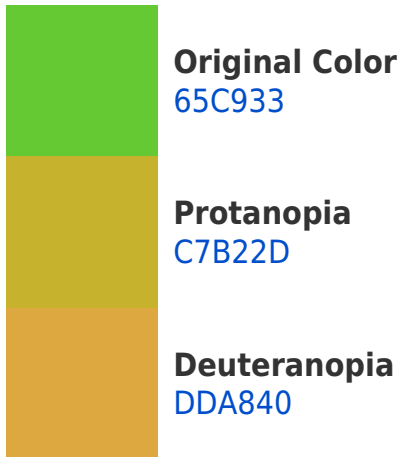


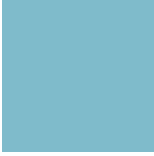
This preview shows how white text looks on a background with the Hex color 65C933.

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
7FBBCB

Trichromacy



Original Color
65C933



Protanomaly
A3BA2F



Deuteranomaly
B1B43B



Tritanomaly
76C094

Monochromacy



Original Color
65C933



Achromatopsia
9A9A9A



Achromatomaly
87AB75

CSS Examples

Text

The CSS property to change the color of the text to Hex 65C933 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 #65C933 looks like.

```
.text, #text, p{  
    color:#65C933  
}
```

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 #65C933 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65C933
}
```

Border

The CSS property to change the border of an element to Hex 65C933 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
#65C933 }
```

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

```
.border{ border-color:#65C933 }
```

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

Here you see how a box with a 4 pixel #65C933 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65C933; -webkit-box-shadow:4px 4px  
4px 4px #65C933; box-shadow:4px 4px 4px  
4px #65C933 }
```

Background

The CSS property to change the background color of an element to Hex 65C933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65C933 }
```

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

```
.background{ background-color:#65C933 }
```

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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