

Converting Colors

Hex(69C953)

Have a look what the booklet for
Hex(69C953) contains.

Hex(69C953)	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(69C953)

Conversions

Conversions Part 1

Format	Color
Hex	69C953
RGB	105, 201, 83
RGB Percent	41%, 79%, 33%
CMY	0.5882, 0.2118, 0.6745
CMYK	0.48, 0.00, 0.59, 0.21
HSL	109°, 52%, 56%
HSV	109°, 59%, 79%
XYZ	28.2737, 45.4011, 15.4567
YIQ	158.8440, -19.3380, -57.0500

Conversions

Conversions Part 2

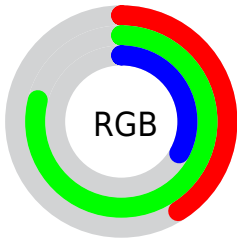
Format	Color
RYB	83, 201, 179
Decimal	6932819
CIELab	73.16, -50.52, 49.38
CIELCh	73, 70.645, 135.649
Yxy	45.4011, 0.3172, 0.5094
Android (android.graphics.Color)	4285122899 (0xFF69C953)
YUV	158.8440, -37.3911, -47.2212
Hunter-Lab	67.3803, -43.0146, 33.5654

Details

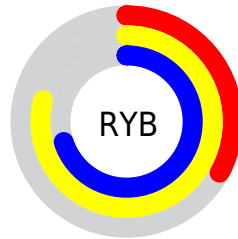
The Hex color **69C953** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted chartreuse. A complement of this color would be **B353C9**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **A2FF88**, and **2C921D** is the 20% darker color. If you saturate the color by 10%, you get **59C93F**, and if you desaturate by 10%, it is **79C967**.

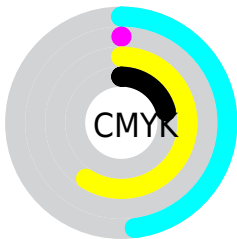
Distribution



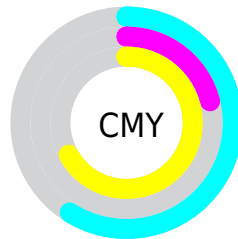
- Red (41%)
- Green (79%)
- Blue (33%)



- Red (33%)
- Yellow (79%)
- Blue (70%)



- Cyan (48%)
- Magenta (0%)
- Yellow (59%)
- Black (21%)



- Cyan (59%)
- Magenta (21%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 69C953 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 69C953 by changing the saturation by 10% instead.

 69C953

 69C953

FFFFFF

 4CAD39

 A2FF88

 2C921D

 BFFFA3

 007800

 DDFFBF

 005E00

 FBFFDC

 004500

 FFFFF9

 002F00

 001300

 000000

 69C953

 69C953

 59C93F

 79C967

 48C92B

 8AC97B

 38C917

 9AC98F

 28C903

 AAC9A3

 25C900

 BBC9B8

 CBC9CC

 DBC9E0

 ECC9F4

 FCC9FF

Harmonies

Analogous

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



B5BB25



69C953



00D091

Triad

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



69C953



00C4FF



FF7794

Complementary

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



69C953



B353C9

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.



FF7BD5



69C953



75AFFF

Square

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



69C953



00CFFF



E293FF



FF8B59

Rectangle

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



69C953



00D2BE



E293FF



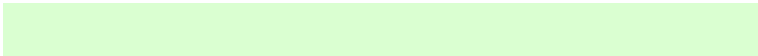
FF75AA

Sweetspot

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



69C953



DAFFD1



C9B153



698063



000000



808080

Same Dimension

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



69C953



6EFF4D



53C976



5B635A



1EA300



072400

Inverse Universe

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



B353C9



DE4DFF



C953A6



625A63



8500A3



1D0024

Previews

White Background



This preview shows how the Hex color 69C953 looks on a white background.

Color Contrast Check

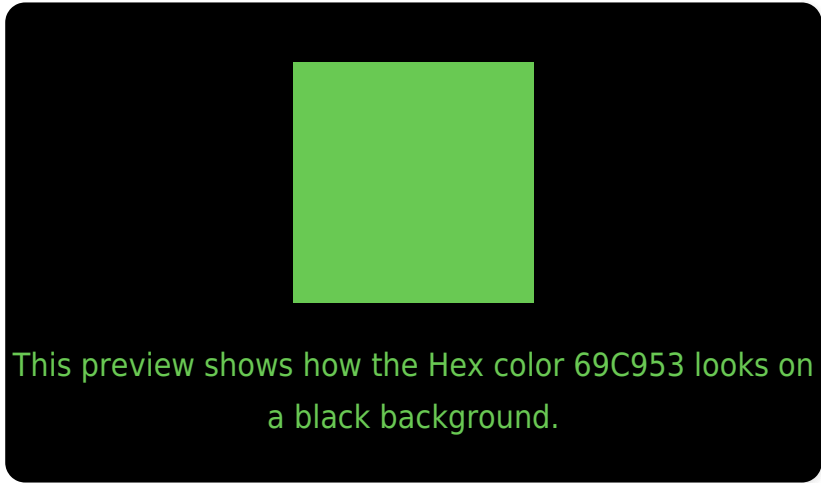
Large Text (above 18pt) WCAG AA × Fail

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

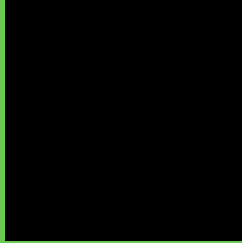
Any Text WCAG AA ✓ Pass

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 69C953 Background



This preview shows how black text looks on a background with the Hex color 69C953.



This preview shows how white text looks on a background with the Hex color 69C953.

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
69C953

Protanopia
C6B34C

Deuteranopia
DBAA5C

Trichromacy



Original Color
69C953



Protanomaly
A4BB4F



Deuteranomaly
B2B559



Tritanomaly
78C1A0

Monochromacy



Original Color
69C953



Achromatopsia
9F9F9F



Achromatomaly
8BAE83

CSS Examples

Text

The CSS property to change the color of the text to Hex 69C953 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 #69C953 looks like.

```
.text, #text, p{  
    color:#69C953  
}
```

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 #69C953 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69C953  
}
```

Border

The CSS property to change the border of an element to Hex 69C953 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  
#69C953 }
```

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

```
.border{ border-color:#69C953 }
```

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

Here you see how a box with a 4 pixel #69C953 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69C953; -webkit-box-shadow:4px 4px  
4px 4px #69C953; box-shadow:4px 4px 4px  
4px #69C953 }
```

Background

The CSS property to change the background color of an element to Hex 69C953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69C953 }
```

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

```
.background{ background-color:#69C953 }
```

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