

Converting Colors

Hex(69B93D)

Have a look what the booklet for
Hex(69B93D) contains.

Hex(69B93D)	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(69B93D)

Conversions

Conversions Part 1

Format	Color
Hex	69B93D
RGB	105, 185, 61
RGB Percent	41%, 73%, 24%
CMY	0.5882, 0.2745, 0.7608
CMYK	0.43, 0.00, 0.67, 0.27
HSL	99°, 50%, 48%
HSV	99°, 67%, 73%
XYZ	24.0170, 38.0381, 10.4911
YIQ	146.9440, -7.8760, -55.5240

Conversions

Conversions Part 2

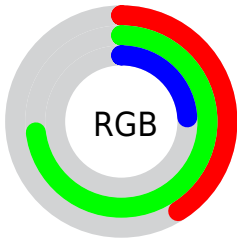
Format	Color
RYB	61, 185, 141
Decimal	6928701
CIELab	68.05, -46.17, 53.22
CIElCh	68, 70.461, 130.944
Yxy	38.0381, 0.3311, 0.5243
Android (android.graphics.Color)	4285118781 (0xFF69B93D)
YUV	146.9440, -42.3704, -36.7849
Hunter-Lab	61.6750, -38.4214, 33.0871

Details

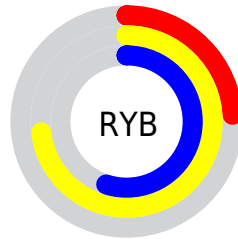
The Hex color **69B93D** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **8D3DB9**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **A2F272**, and **2F8300** is the 20% darker color. If you saturate the color by 10%, you get **5DB92B**, and if you desaturate by 10%, it is **75B950**.

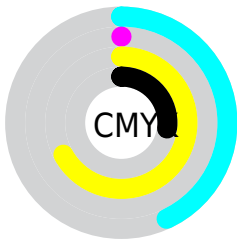
Distribution



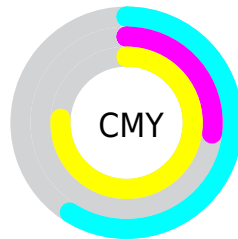
- Red (41%)
- Green (73%)
- Blue (24%)



- Red (24%)
- Yellow (73%)
- Blue (55%)



- Cyan (43%)
- Magenta (0%)
- Yellow (67%)
- Black (27%)



- Cyan (59%)
- Magenta (27%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 69B93D 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 69B93D by changing the saturation by 10% instead.

 69B93D

 69B93D

FFFFFF

 4D9E21

 A2F272

 2F8300

 BEFF8D

 036900

 DBFFA9

 005000

 F9FFC5

 003800

 FFFFE2

 002300

 000000

 69B93D

 69B93D

 5DB92B

 75B950

 51B918

 81B962

 45B906

 8DB975

 42B900

 99B987

 A5B99A

 B1B9AC

 BDB9BF

 C8B9D1

 D4B9E4

Harmonies

Analogous

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



B0AA09



69B93D



00C17A

Triad

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



69B93D



00B8FF



FF6791

Complementary

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



69B93D



8D3DB9

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.



FF6FD1



69B93D



43A5FF

Square

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



69B93D



00C1F8



C68AFF



FF7955

Rectangle

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



69B93D



00C3A6



C68AFF



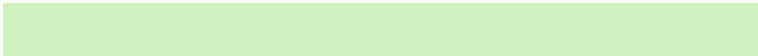
FF66A7

Sweetspot

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



69B93D



D1F0C0



B98C3D



65785B



F7F7F7



787878

Same Dimension

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



69B93D



74F030



3DB94E



565C53



379C00



0A1C00

Inverse Universe

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



8D3DB9



AC30F0



B93DA8



59535C



64009C



12001C

Previews

White Background



This preview shows how the Hex color 69B93D looks on a white background.

Color Contrast Check

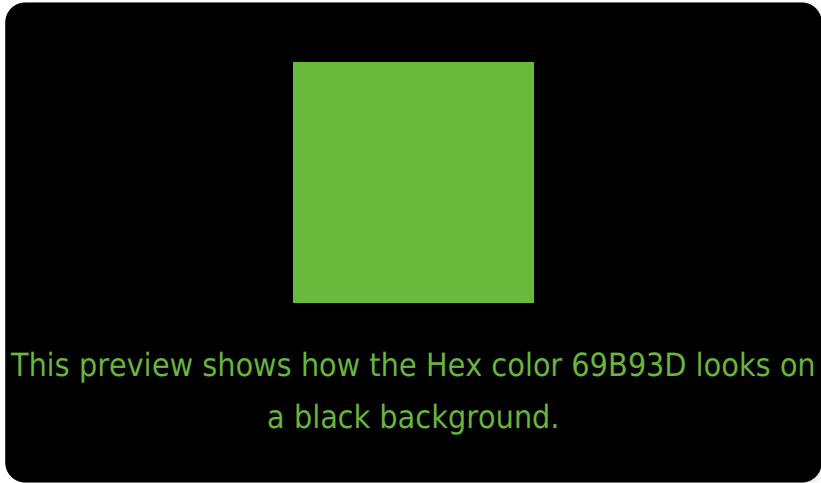
Large Text (above 18pt) WCAG AA × Fail

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

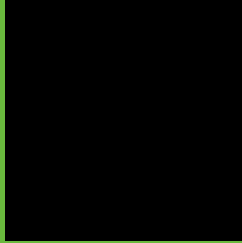
Any Text WCAG AA ✓ Pass

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 69B93D Background



This preview shows how black text looks on a background with the Hex color 69B93D.

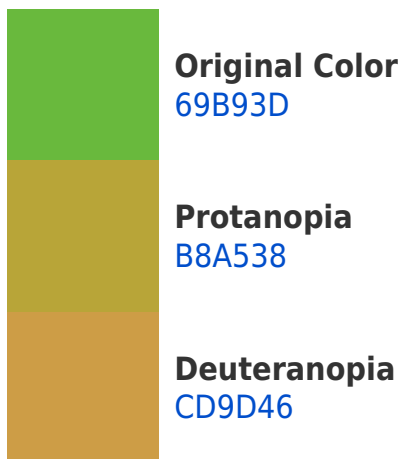


This preview shows how white text looks on a background with the Hex color 69B93D.

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



Trichromacy



Original Color
69B93D



Protanomaly
9BAC3A



Deuteranomaly
A9A743



Tritanomaly
76B18D

Monochromacy



Original Color
69B93D



Achromatopsia
939393



Achromatomaly
84A174

CSS Examples

Text

The CSS property to change the color of the text to Hex 69B93D 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 #69B93D looks like.

```
.text, #text, p{  
    color:#69B93D  
}
```

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 #69B93D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69B93D
}
```

Border

The CSS property to change the border of an element to Hex 69B93D 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
#69B93D }
```

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

```
.border{ border-color:#69B93D }
```

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

Here you see how a box with a 4 pixel #69B93D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69B93D; -webkit-box-shadow:4px 4px  
4px 4px #69B93D; box-shadow:4px 4px 4px  
4px #69B93D }
```

Background

The CSS property to change the background color of an element to Hex 69B93D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69B93D }
```

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

```
.background{ background-color:#69B93D }
```

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