

Converting Colors

Hex(68E661)

Have a look what the booklet for
Hex(68E661) contains.

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Color

Hex(68E661)

Conversions

Conversions Part 1

Format	Color
Hex	68E661
RGB	104, 230, 97
RGB Percent	41%, 90%, 38%
CMY	0.5922, 0.0980, 0.6196
CMYK	0.55, 0.00, 0.58, 0.10
HSL	117°, 73%, 64%
HSV	117°, 58%, 90%
XYZ	36.1634, 60.3998, 21.0616
YIQ	177.1640, -32.4030, -68.0750

Conversions

Conversions Part 2

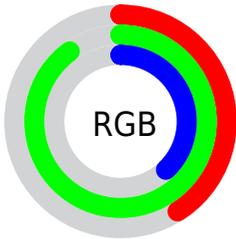
Format	Color
RYB	97, 230, 223
Decimal	6874721
CIELab	82.05, -60.34, 53.39
CIELCh	82, 80.573, 138.495
Yxy	60.3998, 0.3074, 0.5135
Android (android.graphics.Color)	4285064801 (0xFF68E661)
YUV	177.1640, -39.5209, -64.1648
Hunter-Lab	77.7173, -52.9456, 38.3344

Details

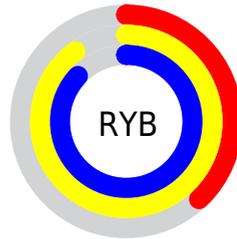
The Hex color **68E661** is a dark color, and the websafe version is hex **66FF66**. A complement of this color would be **DF61E6**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **A4FF97**, and **1FAD2B** is the 20% darker color. If you saturate the color by 10%, you get **52E64A**, and if you desaturate by 10%, it is **7EE678**.

Distribution



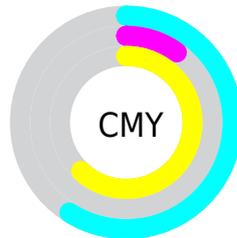
- Red (41%)
- Green (90%)
- Blue (38%)



- Red (38%)
- Yellow (90%)
- Blue (87%)



- Cyan (55%)
- Magenta (0%)
- Yellow (58%)
- Black (10%)



- Cyan (59%)
- Magenta (10%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68E661 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 68E661 by changing the saturation by 10% instead.

 68E661

 68E661

FFFFFF

 48C946

 A4FF97

 1FAD2B

 C2FFB3

 009206

 E0FFCF

 007700

 FFFFEC

 005D00

 004400

 002D00

 000E00

 000000

 68E661

 68E661

 52E64A

 7EE678

 3CE633

 94E68F

 27E61C

 A9E6A6

 11E605

 BFE6BD

 0CE600

 D5E6D4

 EBE6EB

 FFE6FF

Harmonies

Analogous

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



C5D724



68E661



00EEAB

Triad

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



68E661



00DDFF



FF85A1

Complementary

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



68E661



DF61E6

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.



FF86ED



68E661



92C4FF

Square

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



68E661



00EBFF



FFA3FF



FF9F5C

Rectangle

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



68E661



00F0E0



FFA3FF



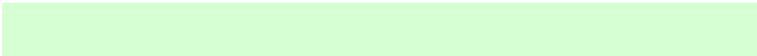
FF81BA

Sweetspot

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



68E661



D6FFD4



E6DD61



678066



000000



808080

Same Dimension

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



68E661



58FF4F



61E69B



687367



09B300



033300

Inverse Universe

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



DF61E6



F64FFF



E661AC



726773



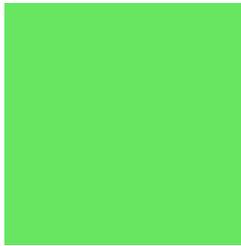
A900B3



300033

Previews

White Background



This preview shows how the Hex color 68E661 looks on a white background.

Color Contrast Check

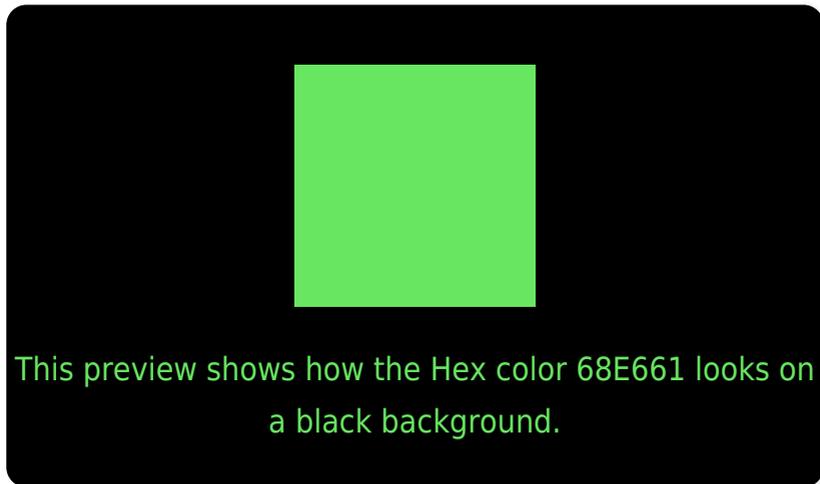
Large Text (above 18pt) WCAG AA × Fail

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

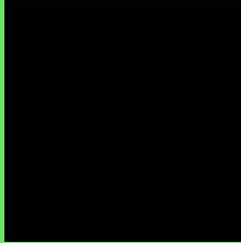
Any Text WCAG AA ✓ Pass

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 68E661 Background



This preview shows how black text looks on a background with the Hex color 68E661.

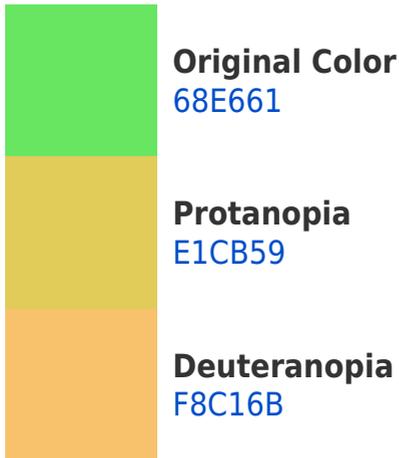


This preview shows how white text looks on a background with the Hex color 68E661.

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
86D8E9

Trichromacy



Original Color
68E661



Protanomaly
B5D55C



Deuteranomaly
C4CE67



Tritanomaly
7BDD8

Monochromacy



Original Color
68E661



Achromatopsia
B1B1B1



Achromatomaly
96C494

CSS Examples

Text

The CSS property to change the color of the text to Hex 68E661 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 #68E661 looks like.

```
.text, #text, p{  
    color:#68E661  
}
```

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 #68E661 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68E661
}
```

Border

The CSS property to change the border of an element to Hex 68E661 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
#68E661 }
```

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

```
.border{ border-color:#68E661 }
```

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

Here you see how a box with a 4 pixel #68E661 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68E661; -webkit-box-shadow:4px 4px  
4px 4px #68E661; box-shadow:4px 4px 4px  
4px #68E661 }
```

Background

The CSS property to change the background color of an element to Hex 68E661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68E661 }
```

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

```
.background{ background-color:#68E661 }
```

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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