

Converting Colors

Hex(68E66B)

Have a look what the booklet for
Hex(68E66B) contains.

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Color

Hex(68E66B)

Conversions

Conversions Part 1

Format	Color
Hex	68E66B
RGB	104, 230, 107
RGB Percent	41%, 90%, 42%
CMY	0.5922, 0.0980, 0.5804
CMYK	0.55, 0.00, 0.53, 0.10
HSL	121°, 72%, 65%
HSV	121°, 55%, 90%
XYZ	36.6596, 60.5982, 23.6744
YIQ	178.3040, -35.6130, -64.9650

Conversions

Conversions Part 2

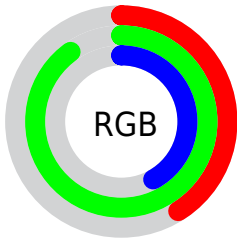
Format	Color
RYB	104, 227, 230
Decimal	6874731
CIELab	82.16, -59.15, 48.98
CIElCh	82, 76.801, 140.374
Yxy	60.5982, 0.3031, 0.5011
Android (android.graphics.Color)	4285064811 (0xFF68E66B)
YUV	178.3040, -35.1529, -65.1646
Hunter-Lab	77.8449, -52.1673, 36.4600

Details

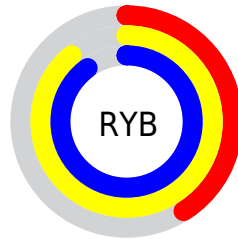
The Hex color **68E66B** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **E668E3**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **A4FFA1**, and **21AD36** is the 20% darker color. If you saturate the color by 10%, you get **51E655**, and if you desaturate by 10%, it is **7FE681**.

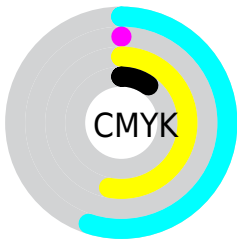
Distribution



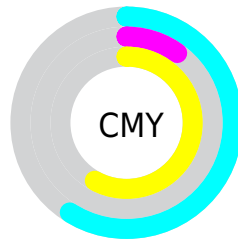
- Red (41%)
- Green (90%)
- Blue (42%)



- Red (41%)
- Yellow (89%)
- Blue (90%)



- Cyan (55%)
- Magenta (0%)
- Yellow (53%)
- Black (10%)



- Cyan (59%)
- Magenta (10%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68E66B 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 68E66B by changing the saturation by 10% instead.

 68E66B

 68E66B

FFFFFF

 48C951

 A4FFA1

 21AD36

 C2FFBD

 00921A

 E0FFD9

 007700

 FEFFF6

 005D00

 004400

 002E00

 000E00

 000000

 68E66B

 68E66B

 51E655

 7FE681

 3AE63E

 96E698

 23E628

 ADE6AE

 0CE611

 C4E6C5

 00E605

 DBE6DB

 F2E6F2

 FFE6FF

Harmonies

Analogous

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



C2D735



68E66B



00EDB2

Triad

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



68E66B



00DBFF



FF8B9E

Complementary

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



68E66B



E668E3

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.



FF8BE7



68E66B



A2C3FF

Square

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



68E66B



00E9FF



FFA4FF



FFA45E

Rectangle

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



68E66B



00EFE4



FFA4FF



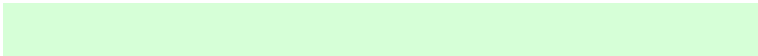
FF88B6

Sweetspot

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



68E66B



D6FFD7



E4E668



678068



000000



808080

Same Dimension

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



68E66B



57FF5B



68E6A9



677368



00B304



003301

Inverse Universe

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



E668E3



FF57FB



E668A5



736772



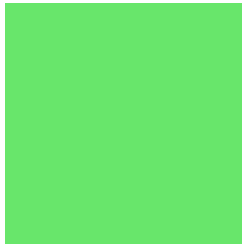
B300AE



330032

Previews

White Background



This preview shows how the Hex color 68E66B looks on a white background.

Color Contrast Check

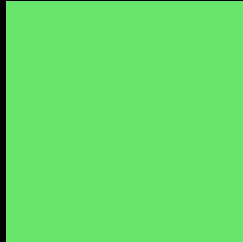
Large Text (above 18pt) WCAG AA × Fail

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 68E66B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

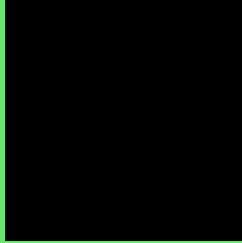
Any Text WCAG AA ✓ Pass

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 68E66B Background



This preview shows how black text looks on a background with the Hex color 68E66B.

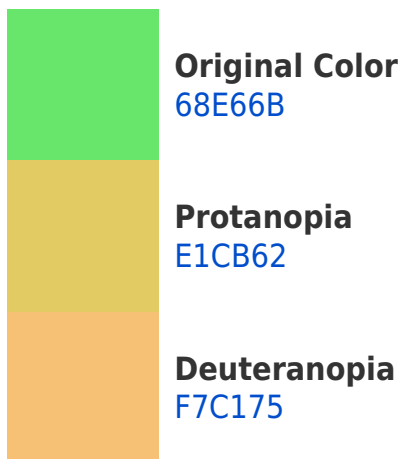


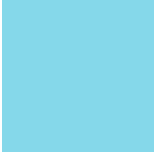
This preview shows how white text looks on a background with the Hex color 68E66B.

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](#).

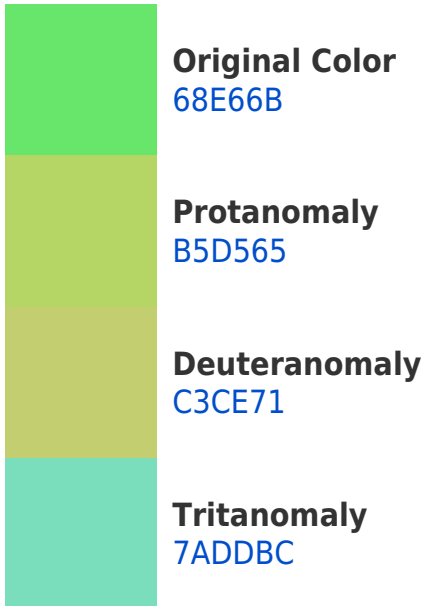
Dichromacy



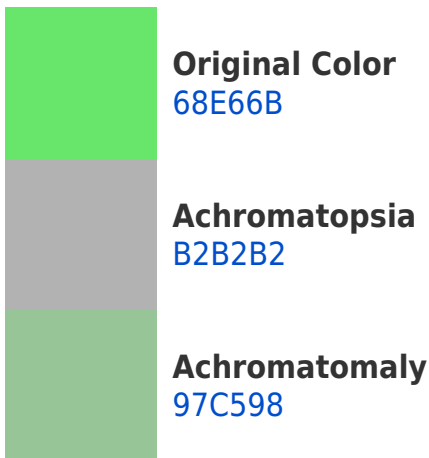


Tritanopia
85D8EA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68E66B 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 #68E66B looks like.

```
.text, #text, p{  
    color:#68E66B  
}
```

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 #68E66B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68E66B
}
```

Border

The CSS property to change the border of an element to Hex 68E66B 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
#68E66B }
```

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

```
.border{ border-color:#68E66B }
```

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

Here you see how a box with a 4 pixel #68E66B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68E66B; -webkit-box-shadow:4px 4px  
4px 4px #68E66B; box-shadow:4px 4px 4px  
4px #68E66B }
```

Background

The CSS property to change the background color of an element to Hex 68E66B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68E66B }
```

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

```
.background{ background-color:#68E66B }
```

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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