

Converting Colors

Hex(68E266)

Have a look what the booklet for
Hex(68E266) contains.

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Color

Hex(68E266)

Conversions

Conversions Part 1

Format	Color
Hex	68E266
RGB	104, 226, 102
RGB Percent	41%, 89%, 40%
CMY	0.5922, 0.1137, 0.6000
CMYK	0.54, 0.00, 0.55, 0.11
HSL	119°, 68%, 64%
HSV	119°, 55%, 89%
XYZ	35.3035, 58.2951, 21.9618
YIQ	175.3860, -32.9080, -64.4280

Conversions

Conversions Part 2

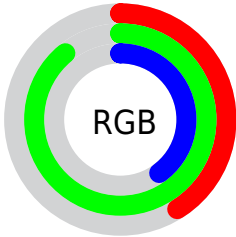
Format	Color
RYB	102, 226, 224
Decimal	6873702
CIELab	80.90, -58.27, 49.78
CIElCh	81, 76.638, 139.491
Yxy	58.2951, 0.3055, 0.5045
Android (android.graphics.Color)	4285063782 (0xFF68E266)
YUV	175.3860, -36.1793, -62.6055
Hunter-Lab	76.3512, -51.0792, 36.3916

Details

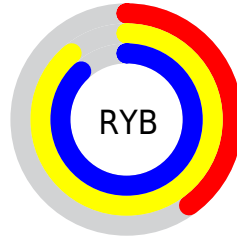
The Hex color **68E266** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **E066E2**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **A4FF9C**, and **22AA31** is the 20% darker color. If you saturate the color by 10%, you get **52E24F**, and if you desaturate by 10%, it is **7EE27D**.

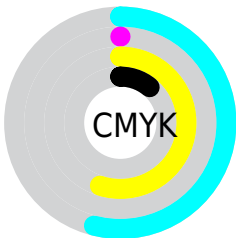
Distribution



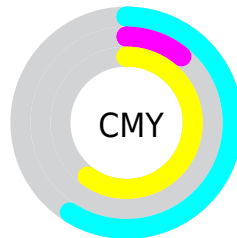
- Red (41%)
- Green (89%)
- Blue (40%)



- Red (40%)
- Yellow (89%)
- Blue (88%)



- Cyan (54%)
- Magenta (0%)
- Yellow (55%)
- Black (11%)



- Cyan (59%)
- Magenta (11%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68E266 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 68E266 by changing the saturation by 10% instead.

 68E266

 68E266

FFFFFF

 48C54C

 A4FF9C

 22AA31

 C1FFB8

 008E13

 DFFFD4

 007400

 FEFFF1

 005A00

 004100

 002A00

 000600

 000000

 68E266

 68E266

 52E24F

 7EE27D

 3CE239

 94E293

 25E222

 ABE2AA

 0FE20C

 C1E2C0

 04E200

 D7E2D7

 EDE2EE

 FFE2FF

Harmonies

Analogous

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



C1D330



68E266



00E9AC

Triad

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



68E266



00D8FF



FF879D

Complementary

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



68E266



E066E2

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.



FF87E5



68E266



99C0FF

Square

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



68E266



00E6FF



FFA1FF



FF9F5D

Rectangle

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



68E266



00EBDE



FFA1FF



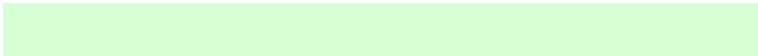
FF84B5

Sweetspot

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



68E266



D7FFD6



E2E066



688067



000000



808080

Same Dimension

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



68E266



59FF57



66E2A2



657065



03B000



013000

Inverse Universe

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



E066E2



FC57FF



E266A6



706570



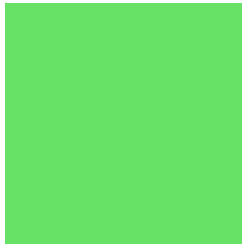
AD00B0



300030

Previews

White Background



This preview shows how the Hex color 68E266 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

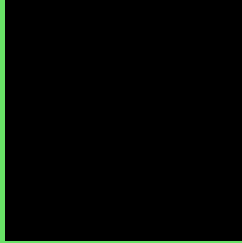
Any Text WCAG AA ✓ Pass

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 68E266 Background



This preview shows how black text looks on a background with the Hex color 68E266.

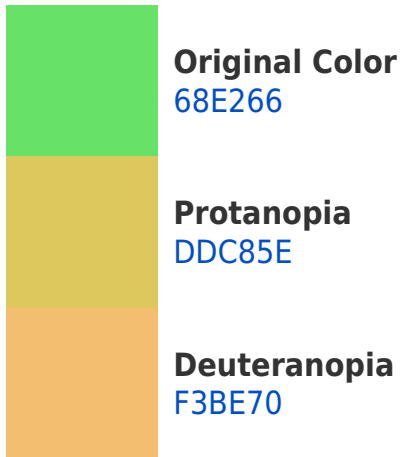


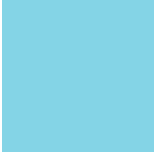
This preview shows how white text looks on a background with the Hex color 68E266.

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
84D4E6

Trichromacy



Original Color
68E266



Protanomaly
B2D161



Deuteranomaly
C0CB6C



Tritanomaly
7AD9B7

Monochromacy



Original Color
68E266



Achromatopsia
AFAFAF



Achromatomaly
95C294

CSS Examples

Text

The CSS property to change the color of the text to Hex 68E266 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 #68E266 looks like.

```
.text, #text, p{  
    color:#68E266  
}
```

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 #68E266 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68E266
}
```

Border

The CSS property to change the border of an element to Hex 68E266 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
#68E266 }
```

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

```
.border{ border-color:#68E266 }
```

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

Here you see how a box with a 4 pixel #68E266 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68E266; -webkit-box-shadow:4px 4px  
4px 4px #68E266; box-shadow:4px 4px 4px  
4px #68E266 }
```

Background

The CSS property to change the background color of an element to Hex 68E266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68E266 }
```

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

```
.background{ background-color:#68E266 }
```

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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