

Converting Colors

Hex(68E26A)

Have a look what the booklet for
Hex(68E26A) contains.

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Color

Hex(68E26A)

Conversions

Conversions Part 1

Format	Color
Hex	68E26A
RGB	104, 226, 106
RGB Percent	41%, 89%, 42%
CMY	0.5922, 0.1137, 0.5843
CMYK	0.54, 0.00, 0.53, 0.11
HSL	121°, 68%, 65%
HSV	121°, 54%, 89%
XYZ	35.5068, 58.3764, 23.0320
YIQ	175.8420, -34.1920, -63.1840

Conversions

Conversions Part 2

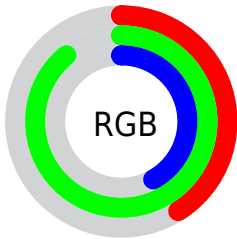
Format	Color
RYB	104, 224, 226
Decimal	6873706
CIELab	80.95, -57.77, 47.98
CIELCh	81, 75.102, 140.288
Yxy	58.3764, 0.3037, 0.4993
Android (android.graphics.Color)	4285063786 (0xFF68E26A)
YUV	175.8420, -34.4321, -63.0054
Hunter-Lab	76.4044, -50.7549, 35.6102

Details

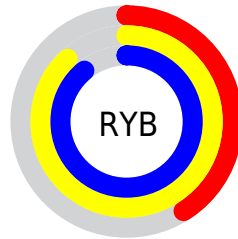
The Hex color **68E26A** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **E268E0**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **A4FFA0**, and **23AA36** is the 20% darker color. If you saturate the color by 10%, you get **51E254**, and if you desaturate by 10%, it is **7FE280**.

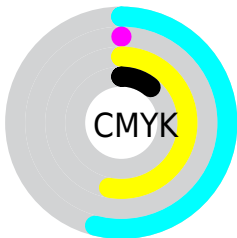
Distribution



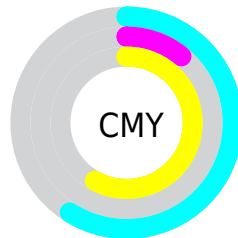
- Red (41%)
- Green (89%)
- Blue (42%)



- Red (41%)
- Yellow (88%)
- Blue (89%)



- Cyan (54%)
- Magenta (0%)
- Yellow (53%)
- Black (11%)



- Cyan (59%)
- Magenta (11%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68E26A 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 68E26A by changing the saturation by 10% instead.

 68E26A

 68E26A

FFFFFF

 49C550

 A4FFA0

 23AA36

 C1FFBC

 008E1A

 DFFFD8

 007400

 FEFFF5

 005A00

 004100

 002A00

 000600

 000000

 68E26A

 68E26A

 51E254

 7FE280

 3BE23E

 95E296

 24E227

 ACE2AD

 0EE211

 C2E2C3

 00E204

 D9E2D9

 F0E2EF

 FFE2FF

Harmonies

Analogous

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



BFD436



68E26A



00E9AF

Triad

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



68E26A



00D8FF



FF8A9C

Complementary

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



68E26A



E268E0

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.



FF89E3



68E26A



9FC0FF

Square

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



68E26A



00E5FF



FFA1FF



FFA15E

Rectangle

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



68E26A



00EBE0



FFA1FF



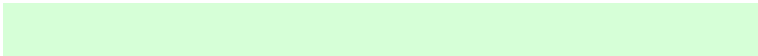
FF86B4

Sweetspot

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



68E26A



D6FFD7



E2E268



678068



000000



808080

Same Dimension

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



68E26A



59FF5C



68E2A5



657065



00B003



003001

Inverse Universe

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



E268E0



FF59FC



E268A5



706570



B000AD



300030

Previews

White Background



This preview shows how the Hex color 68E26A 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 68E26A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

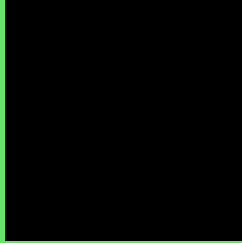
Any Text WCAG AA ✓ Pass

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 68E26A Background



This preview shows how black text looks on a background with the Hex color 68E26A.

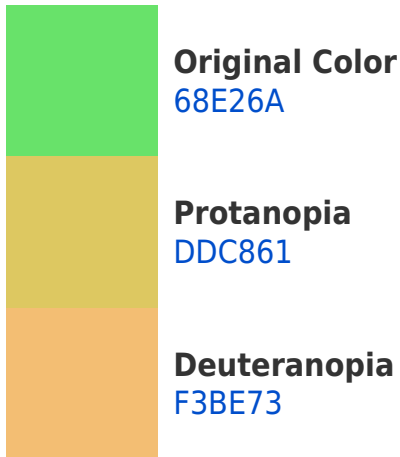


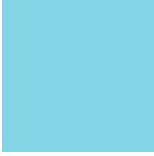
This preview shows how white text looks on a background with the Hex color 68E26A.

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
84D5E6

Trichromacy



Original Color
68E26A



Protanomaly
B2D164



Deuteranomaly
C0CB70

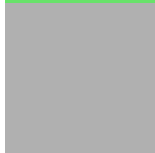


Tritanomaly
7ADAB9

Monochromacy



Original Color
68E26A



Achromatopsia
B0B0B0



Achromatomaly
96C297

CSS Examples

Text

The CSS property to change the color of the text to Hex 68E26A 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 #68E26A looks like.

```
.text, #text, p{  
    color:#68E26A  
}
```

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 #68E26A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68E26A
}
```

Border

The CSS property to change the border of an element to Hex 68E26A 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
#68E26A }
```

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

```
.border{ border-color:#68E26A }
```

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

Here you see how a box with a 4 pixel #68E26A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68E26A; -webkit-box-shadow:4px 4px  
4px 4px #68E26A; box-shadow:4px 4px 4px  
4px #68E26A }
```

Background

The CSS property to change the background color of an element to Hex 68E26A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68E26A }
```

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

```
.background{ background-color:#68E26A }
```

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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