

Converting Colors

Hex(8EE168)

Have a look what the booklet for
Hex(8EE168) contains.

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Color

Hex(8EE168)

Conversions

Conversions Part 1

Format	Color
Hex	8EE168
RGB	142, 225, 104
RGB Percent	56%, 88%, 41%
CMY	0.4431, 0.1176, 0.5922
CMYK	0.37, 0.00, 0.54, 0.12
HSL	101°, 67%, 65%
HSV	101°, 54%, 88%
XYZ	40.5792, 60.6007, 22.6551
YIQ	186.3890, -10.6270, -55.2270

Conversions

Conversions Part 2

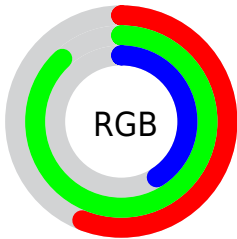
Format	Color
RYB	104, 225, 187
Decimal	9363816
CIELab	82.16, -46.62, 50.73
CIELCh	82, 68.905, 132.583
Yxy	60.6007, 0.3277, 0.4894
Android (android.graphics.Color)	4287553896 (0xFF8EE168)
YUV	186.3890, -40.6178, -38.9292
Hunter-Lab	77.8464, -43.1841, 37.2378

Details

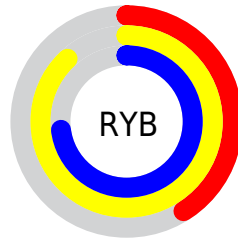
The Hex color **8EE168** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **BB68E1**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **C7FF9E**, and **56A933** is the 20% darker color. If you saturate the color by 10%, you get **7FE152**, and if you desaturate by 10%, it is **9DE17E**.

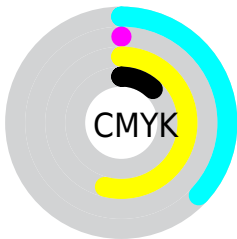
Distribution



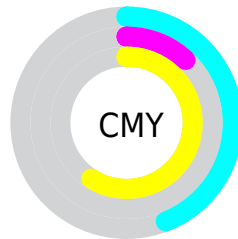
- Red (56%)
- Green (88%)
- Blue (41%)



- Red (41%)
- Yellow (88%)
- Blue (73%)



- Cyan (37%)
- Magenta (0%)
- Yellow (54%)
- Black (12%)



- Cyan (44%)
- Magenta (12%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8EE168 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 8EE168 by changing the saturation by 10% instead.

 8EE168

 8EE168

FFFFFF

 72C54E

 C7FF9E

 56A933

 E5FFBA

 388E16

 FFFFD6

 157400

 FFFFF3

 005B00

 004200

 002C00

 000E00

 000000

 8EE168

 8EE168

 7FE152

 9DE17E

 6FE13B

 ADE195

 60E125

 BCE1AC

 50E10E

 CCE1C2

 47E100

 DBE1D9

 EBE1EF

 FAE1FF

 FFE1FF

Harmonies

Analogous

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



D6D244



8EE168



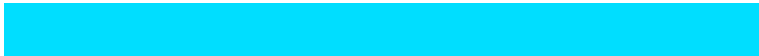
00EAA3

Triad

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



8EE168



00DEFF



FF92B4

Complementary

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



8EE168



BB68E1

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.



FF98F5



8EE168



87CAFF

Square

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



8EE168



00E9FF



F3B0FF



FFA278

Rectangle

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



8EE168



00ECD0



F3B0FF



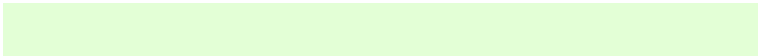
FF92C9

Sweetspot

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



8EE168



E3FFD6



E1BB68



6F8067



000000



808080

Same Dimension

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



8EE168



8DFF59



68E17E



697065



37B000



0F3000

Inverse Universe

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



BB68E1



CB59FF



E168CB



6D6570



7900B0



210030

Previews

White Background



This preview shows how the Hex color 8EE168 looks on a white background.

Color Contrast Check

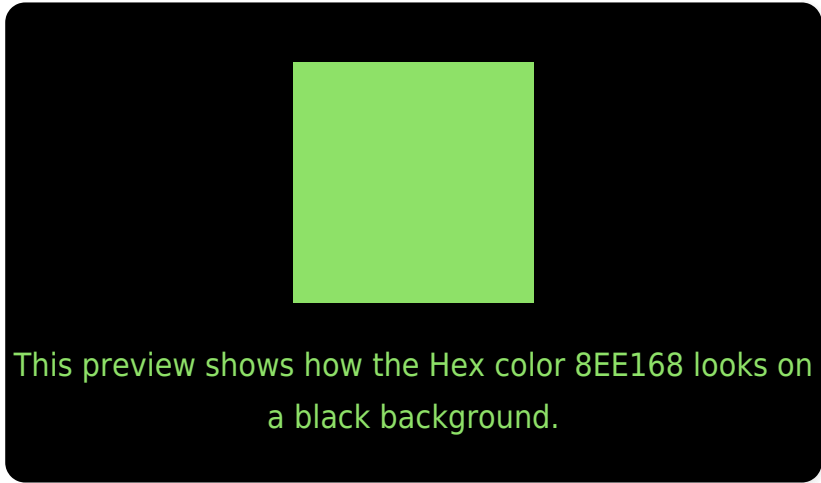
Large Text (above 18pt) WCAG AA × Fail

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 8EE168 Background



This preview shows how black text looks on a background with the Hex color 8EE168.

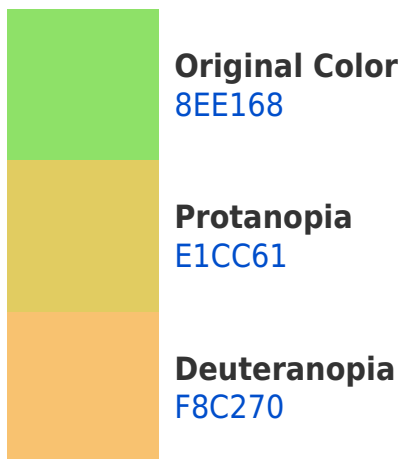


This preview shows how white text looks on a background with the Hex color 8EE168.

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
A3D4E5

Trichromacy



Original Color
8EE168



Protanomaly
C3D464



Deuteranomaly
D1CD6D



Tritanomaly
9BD9B8

Monochromacy



Original Color
8EE168



Achromatopsia
BABABA



Achromatomaly
AAC89C

CSS Examples

Text

The CSS property to change the color of the text to Hex 8EE168 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 #8EE168 looks like.

```
.text, #text, p{  
    color:#8EE168  
}
```

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 #8EE168 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EE168
}
```

Border

The CSS property to change the border of an element to Hex 8EE168 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
#8EE168 }
```

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

```
.border{ border-color:#8EE168 }
```

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

Here you see how a box with a 4 pixel #8EE168 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EE168; -webkit-box-shadow:4px 4px  
4px 4px #8EE168; box-shadow:4px 4px 4px  
4px #8EE168 }
```

Background

The CSS property to change the background color of an element to Hex 8EE168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EE168 }
```

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

```
.background{ background-color:#8EE168 }
```

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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