

Converting Colors

Hex(8DE26C)

Have a look what the booklet for
Hex(8DE26C) contains.

Hex(8DE26C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8DE26C)

Conversions

Conversions Part 1

Format	Color
Hex	8DE26C
RGB	141, 226, 108
RGB Percent	55%, 89%, 42%
CMY	0.4471, 0.1137, 0.5765
CMYK	0.38, 0.00, 0.52, 0.11
HSL	103°, 67%, 65%
HSV	103°, 52%, 89%
XYZ	40.8876, 61.1381, 23.8332
YIQ	187.1330, -12.7820, -54.7180

Conversions

Conversions Part 2

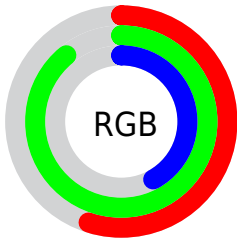
Format	Color
RYB	108, 226, 193
Decimal	9298540
CIELab	82.45, -46.92, 49.21
CIELCh	82, 67.997, 133.633
Yxy	61.1381, 0.3249, 0.4858
Android (android.graphics.Color)	4287488620 (0xFF8DE26C)
YUV	187.1330, -39.0126, -40.4586
Hunter-Lab	78.1909, -43.4927, 36.6616

Details

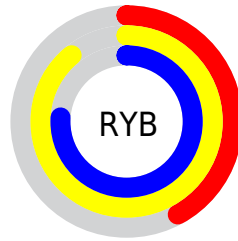
The Hex color **8DE26C** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **C16CE2**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **C6FFA2**, and **55AA38** is the 20% darker color. If you saturate the color by 10%, you get **7DE255**, and if you desaturate by 10%, it is **9DE283**.

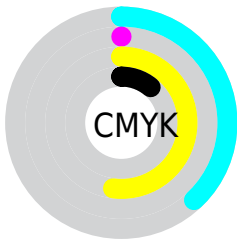
Distribution



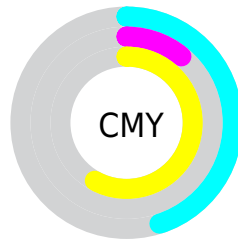
- Red (55%)
- Green (89%)
- Blue (42%)



- Red (42%)
- Yellow (89%)
- Blue (76%)



- Cyan (38%)
- Magenta (0%)
- Yellow (52%)
- Black (11%)



- Cyan (45%)
- Magenta (11%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Hex color 8DE26C 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 8DE26C by changing the saturation by 10% instead.

 8DE26C

 8DE26C

FFFFFF

 71C652

 C6FFA2

 55AA38

 E4FFBE

 378F1C

 FFFFDA

 137500

 FFFFF7

 005B00

 004300

 002D00

 001000

 000000

 8DE26C

 8DE26C

 7DE255

 9DE283

 6CE23F

 AEE299

 5CE228

 BEE2B0

 4CE212

 CEE2C6

 3FE200

 DEE2DD

 EFE2F4

 FFE2FF

Harmonies

Analogous

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



D5D348



8DE26C



00EAA7

Triad

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



8DE26C



00DEFF



FF94B2

Complementary

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



8DE26C



C16CE2

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.



FF99F3



8DE26C



8FCAFF

Square

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



8DE26C



00E9FF



F7B0FF



FFA578

Rectangle

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



8DE26C



00ECD3



F7B0FF



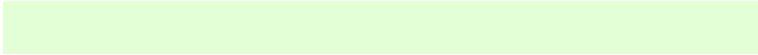
FF93C8

Sweetspot

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



8DE26C



E2FFD6



E2C16C



6E8067



000000



808080

Same Dimension

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



8DE26C



8BFF5E



6CE286



687065



31B000



0E3000

Inverse Universe

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



C16CE2



D25EFF



E26CC8



6D6570



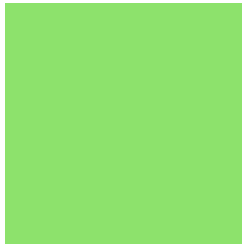
7F00B0



230030

Previews

White Background



This preview shows how the Hex color 8DE26C looks on a white background.

Color Contrast Check

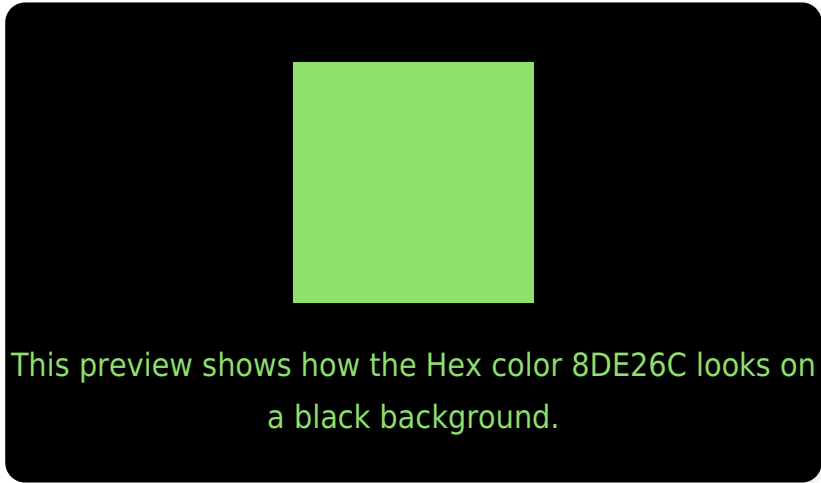
Large Text (above 18pt) WCAG AA × Fail

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 8DE26C Background



This preview shows how black text looks on a background with the Hex color 8DE26C.

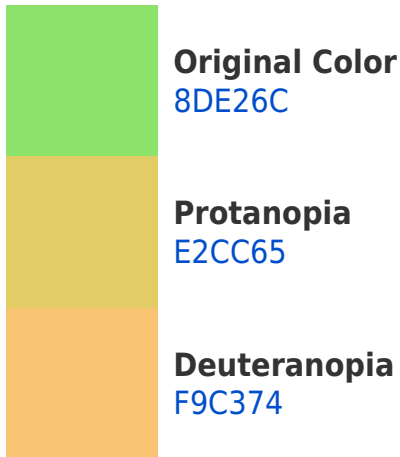


This preview shows how white text looks on a background with the Hex color 8DE26C.

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
A2D5E6

Trichromacy



Original Color
8DE26C



Protanomaly
C3D468



Deuteranomaly
D2CE71



Tritanomaly
9ADABA

Monochromacy



Original Color
8DE26C



Achromatopsia
BBBBBB



Achromatomaly
AAC99E

CSS Examples

Text

The CSS property to change the color of the text to Hex 8DE26C 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 #8DE26C looks like.

```
.text, #text, p{  
    color:#8DE26C  
}
```

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 #8DE26C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DE26C  
}
```

Border

The CSS property to change the border of an element to Hex 8DE26C 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  
#8DE26C }
```

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

```
.border{ border-color:#8DE26C }
```

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

Here you see how a box with a 4 pixel #8DE26C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DE26C; -webkit-box-shadow:4px 4px  
4px 4px #8DE26C; box-shadow:4px 4px 4px  
4px #8DE26C }
```

Background

The CSS property to change the background color of an element to Hex 8DE26C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DE26C }
```

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

```
.background{ background-color:#8DE26C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor