

Converting Colors

Hex(8CE275)

Have a look what the booklet for
Hex(8CE275) contains.

Hex(8CE275)	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(8CE275)

Conversions

Conversions Part 1

Format	Color
Hex	8CE275
RGB	140, 226, 117
RGB Percent	55%, 89%, 46%
CMY	0.4510, 0.1137, 0.5412
CMYK	0.38, 0.00, 0.48, 0.11
HSL	107°, 65%, 67%
HSV	107°, 48%, 89%
XYZ	41.2225, 61.2525, 26.4799
YIQ	187.8600, -16.2670, -52.1310

Conversions

Conversions Part 2

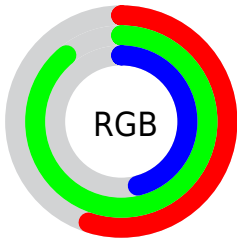
Format	Color
RYB	117, 226, 203
Decimal	9233013
CIELab	82.51, -46.16, 45.01
CIElCh	83, 64.473, 135.719
Yxy	61.2525, 0.3197, 0.4750
Android (android.graphics.Color)	4287423093 (0xFF8CE275)
YUV	187.8600, -34.9340, -41.9732
Hunter-Lab	78.2640, -42.9442, 34.7246

Details

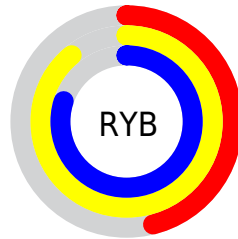
The Hex color **8CE275** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **CB75E2**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **C5FFAB**, and **54AA41** is the 20% darker color. If you saturate the color by 10%, you get **7AE25E**, and if you desaturate by 10%, it is **9EE28C**.

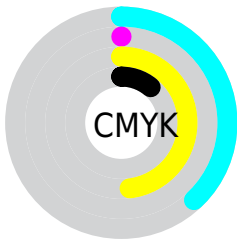
Distribution



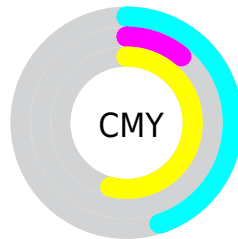
- Red (55%)
- Green (89%)
- Blue (46%)



- Red (46%)
- Yellow (89%)
- Blue (80%)



- Cyan (38%)
- Magenta (0%)
- Yellow (48%)
- Black (11%)



- Cyan (45%)
- Magenta (11%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8CE275 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 8CE275 by changing the saturation by 10% instead.

 8CE275

 8CE275

FFFFFF

 70C65B

 C5FFAB

 54AA41

 E2FFC7

 378F27

 FFFFE3

 137509

 005B00

 004300

 002D00

 001000

 000000

 8CE275

 8CE275

 7AE25E

 9EE28C

 68E248

 B0E2A2

 57E231

 C1E2B9

 45E21B

 D3E2CF

 33E204

 E5E2E6

 30E200

 F7E2FD

 FFE2FF

Harmonies

Analogous

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



D1D452



8CE275



00EAAD

Triad

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



8CE275



00DCFF



FF99B0

Complementary

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



8CE275



CB75E2

Split Complementary

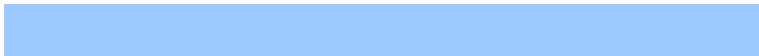
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF9CED



8CE275



9EC9FF

Square

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



8CE275



00E7FF



FAB0FF



FFA979

Rectangle

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



8CE275



00ECD7



FAB0FF



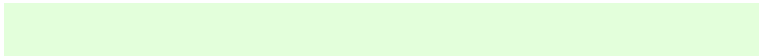
FF98C4

Sweetspot

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



8CE275



E3FFDB



E2CA75



6E806A



000000



808080

Same Dimension

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



8CE275



8AFF6B



75E294



677065



25B000



0A3000

Inverse Universe

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



CB75E2



E06BFF



E275C3



6E6570



8B00B0



260030

Previews

White Background



This preview shows how the Hex color 8CE275 looks on a white background.

Color Contrast Check

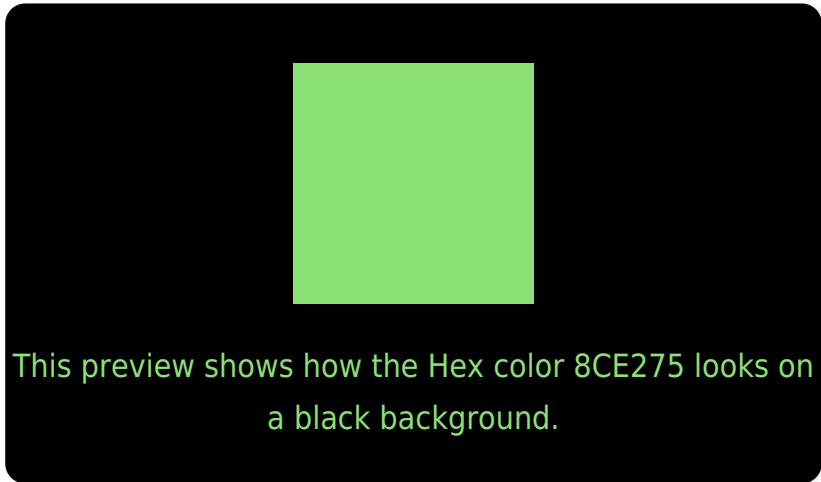
Large Text (above 18pt) WCAG AA × Fail

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

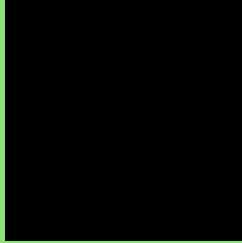
Any Text WCAG AA ✓ Pass

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 8CE275 Background



This preview shows how black text looks on a background with the Hex color 8CE275.

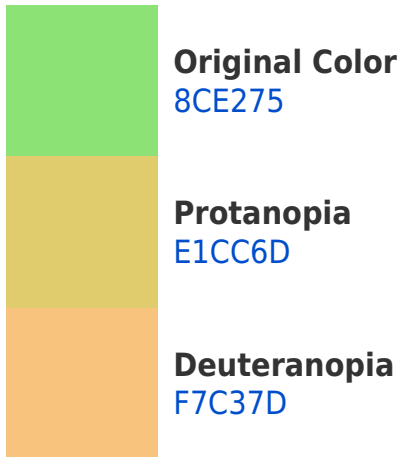


This preview shows how white text looks on a background with the Hex color 8CE275.

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
A0D5E6

Trichromacy



Original Color
8CE275



Protanomaly
C2D470



Deuteranomaly
D0CE7A



Tritanomaly
99DABD

Monochromacy



Original Color
8CE275



Achromatopsia
BCBCBC



Achromatomaly
ABCAA2

CSS Examples

Text

The CSS property to change the color of the text to Hex 8CE275 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 #8CE275 looks like.

```
.text, #text, p{  
    color:#8CE275  
}
```

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 #8CE275 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CE275
}
```

Border

The CSS property to change the border of an element to Hex 8CE275 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
#8CE275 }
```

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

```
.border{ border-color:#8CE275 }
```

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

Here you see how a box with a 4 pixel #8CE275 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CE275; -webkit-box-shadow:4px 4px  
4px 4px #8CE275; box-shadow:4px 4px 4px  
4px #8CE275 }
```

Background

The CSS property to change the background color of an element to Hex 8CE275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CE275 }
```

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

```
.background{ background-color:#8CE275 }
```

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