

Converting Colors

Hex(8DF55D)

Have a look what the booklet for
Hex(8DF55D) contains.

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Color

Hex(8DF55D)

Conversions

Conversions Part 1

Format	Color
Hex	8DF55D
RGB	141, 245, 93
RGB Percent	55%, 96%, 36%
CMY	0.4471, 0.0392, 0.6353
CMYK	0.42, 0.00, 0.62, 0.04
HSL	101°, 88%, 66%
HSV	101°, 62%, 96%
XYZ	45.6127, 71.7578, 21.8025
YIQ	196.5760, -13.1920, -69.3200

Conversions

Conversions Part 2

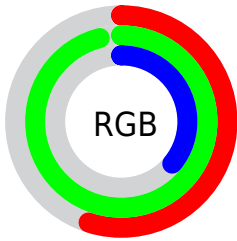
Format	Color
RYB	93, 245, 197
Decimal	9303389
CIELab	87.85, -56.18, 62.05
CIElCh	88, 83.702, 132.158
Yxy	71.7578, 0.3277, 0.5156
Android (android.graphics.Color)	4287493469 (0xFF8DF55D)
YUV	196.5760, -51.0630, -48.7402
Hunter-Lab	84.7100, -52.1279, 44.0370

Details

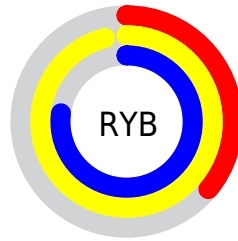
The Hex color **8DF55D** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **C55DF5**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **C8FF94**, and **51BC22** is the 20% darker color. If you saturate the color by 10%, you get **7CF544**, and if you desaturate by 10%, it is **9EF575**.

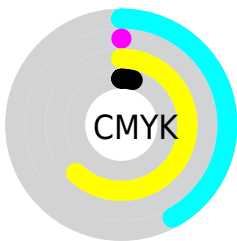
Distribution



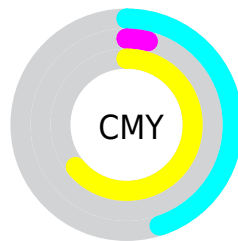
- Red (55%)
- Green (96%)
- Blue (36%)



- Red (36%)
- Yellow (96%)
- Blue (77%)



- Cyan (42%)
- Magenta (0%)
- Yellow (62%)
- Black (4%)



- Cyan (45%)
- Magenta (4%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8DF55D 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 8DF55D by changing the saturation by 10% instead.

 8DF55D

 8DF55D

FFFFFF

 6FD841


 C8FF94

 51BC22

 E6FFB1

 2FA000

 FFFFCF

 008500

 FFFFEA

 006B00

 005200

 003A00

 002200

 000000

 8DF55D

 8DF55D

 7CF544

 9EF575

 6BF52C

 AFF58E

 5BF513

 BFF5A6

 4DF500

 D0F5BF

 E1F5D7

 F2F5F0

 FFF5FF

Harmonies

Analogous

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



E6E326



8DF55D



00FFA8

Triad

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



8DF55D



00F2FF



FF8FBF

Complementary

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



8DF55D



C55DF5

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.



FF98FF



8DF55D



74DAFF

Square

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



8DF55D



00FFFF



FFB9FF



FFA675

Rectangle

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



8DF55D



00FFE0



FFB9FF



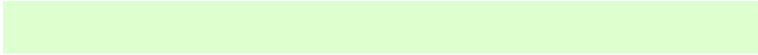
FF8EDA

Sweetspot

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



8DF55D



DEFFCF



F5C55D



6B8062



000000



808080

Same Dimension

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



8DF55D



7EFF42



5DF579



727A6E



3BBA00



133B00

Inverse Universe

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



C55DF5



C342FF



F55DD9



776E7A



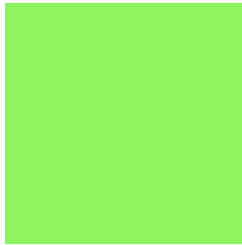
7F00BA



28003B

Previews

White Background



This preview shows how the Hex color 8DF55D 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 8DF55D 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

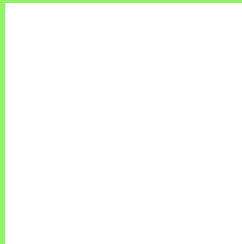
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 8DF55D Background



This preview shows how black text looks on a background with the Hex color 8DF55D.

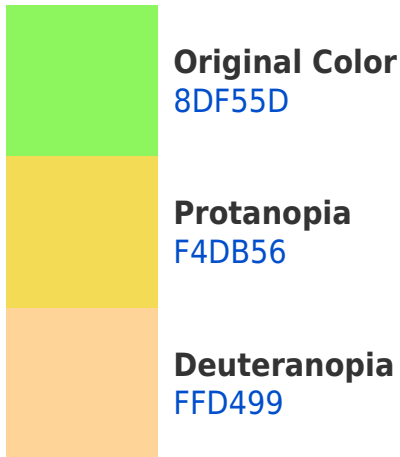


This preview shows how white text looks on a background with the Hex color 8DF55D.

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



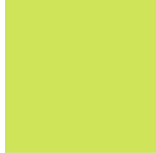


Tritanopia
A7E6F8

Trichromacy



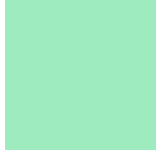
Original Color
8DF55D



Protanomaly
CFE459



Deuteranomaly
D6E083

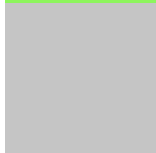


Tritanomaly
9EEBC0

Monochromacy



Original Color
8DF55D



Achromatopsia
C5C5C5



Achromatomaly
B1D69F

CSS Examples

Text

The CSS property to change the color of the text to Hex 8DF55D 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 #8DF55D looks like.

```
.text, #text, p{  
    color:#8DF55D  
}
```

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 #8DF55D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DF55D
}
```

Border

The CSS property to change the border of an element to Hex 8DF55D 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
#8DF55D }
```

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

```
.border{ border-color:#8DF55D }
```

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

Here you see how a box with a 4 pixel #8DF55D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DF55D; -webkit-box-shadow:4px 4px  
4px 4px #8DF55D; box-shadow:4px 4px 4px  
4px #8DF55D }
```

Background

The CSS property to change the background color of an element to Hex 8DF55D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DF55D }
```

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

```
.background{ background-color:#8DF55D }
```

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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