

Converting Colors

Hex(8DD216)

Have a look what the booklet for
Hex(8DD216) contains.

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Color

Hex(8DD216)

Conversions

Conversions Part 1

Format	Color
Hex	8DD216
RGB	141, 210, 22
RGB Percent	55%, 82%, 9%
CMY	0.4471, 0.1765, 0.9137
CMYK	0.33, 0.00, 0.90, 0.18
HSL	82°, 81%, 45%
HSV	82°, 90%, 82%
XYZ	34.1759, 51.8138, 8.9589
YIQ	167.9370, 19.2240, -73.0960

Conversions

Conversions Part 2

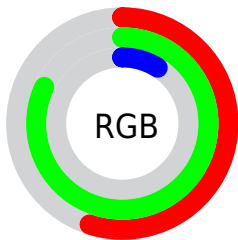
Format	Color
RYB	22, 210, 91
Decimal	9294358
CIELab	77.17, -46.04, 73.65
CIELCh	77, 86.858, 122.014
Yxy	51.8138, 0.3599, 0.5457
Android (android.graphics.Color)	4287484438 (0xFF8DD216)
YUV	167.9370, -71.9469, -23.6237
Hunter-Lab	71.9818, -41.2190, 43.0080

Details

The Hex color **8DD216** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **5B16D2**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **C8FF5B**, and **539B00** is the 20% darker color. If you saturate the color by 10%, you get **85D201**, and if you desaturate by 10%, it is **95D22B**.

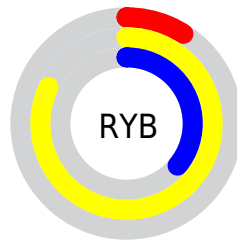
Distribution



Red (55%)

Green (82%)

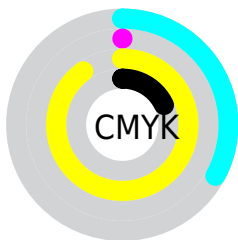
Blue (9%)



Red (9%)

Yellow (82%)

Blue (36%)

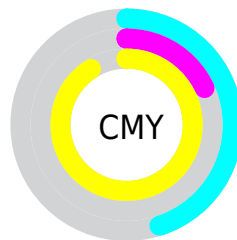


Cyan (33%)

Magenta (0%)

Yellow (90%)

Black (18%)



Cyan (45%)

Magenta (18%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8DD216 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 8DD216 by changing the saturation by 10% instead.

 8DD216

 8DD216

FFFFFF

 70B600

 C8FF5B

 539B00

 E5FF78

 348100

 FFFF95

 0B6700

 FFFFB2

 004E00

 FFFFCE

 003600

 FFFFEC

 002100

 000000

 8DD216

 8DD216

■ 85D201

■ 95D22B

■ 85D200

■ 9CD240

■ A4D255

■ ACD26A

■ B4D27F

■ BBD294

■ C3D2A9

■ CBD2BE

■ D2D2D3

Harmonies

Analogous

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



DFBD00



8DD216



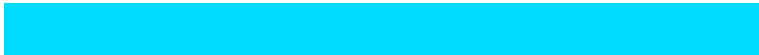
00DE6E

Triad

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



8DD216



00DAFF



FF67BD

Complementary

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



8DD216



5B16D2

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.



FF7FFF



8DD216



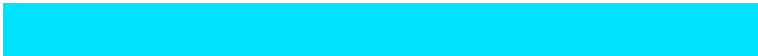
00C7FF

Square

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



8DD216



00E2FF



C2A6FF



FF796E

Rectangle

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



8DD216



00E2A6



C2A6FF



FF6BD8

Sweetspot

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



8DD216



E6FFBA



D25B16



718057



000000



808080

Same Dimension

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



8DD216



A1FF00



2FD216



65695E



6BA800



1A2900

Inverse Universe

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



5B16D2



5E00FF



B916D2



625E69



3E00A8



0F0029

Previews

White Background



This preview shows how the Hex color 8DD216 looks on a white background.

Color Contrast Check

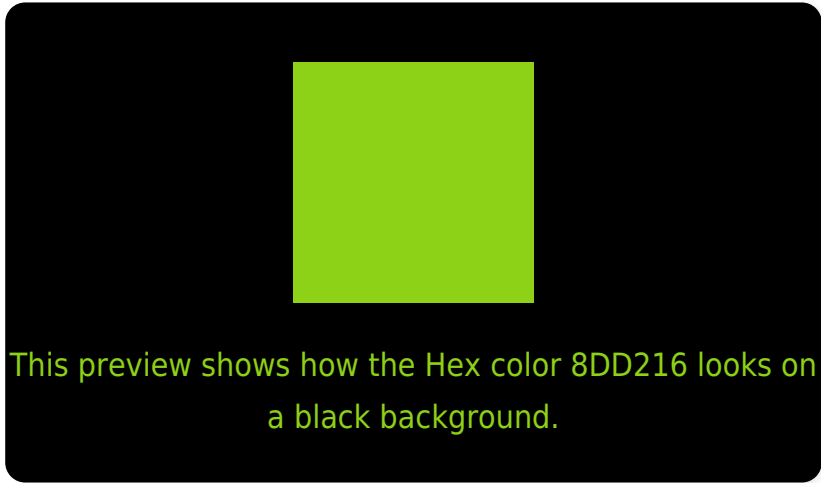
Large Text (above 18pt) WCAG AA × Fail

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 8DD216 Background



This preview shows how black text looks on a background with the Hex color 8DD216.

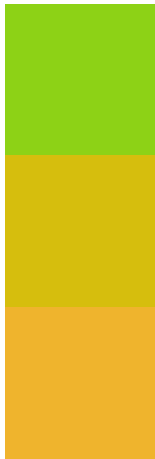


This preview shows how white text looks on a background with the Hex color 8DD216.

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



Original Color
8DD216

Protanopia
D6BE0D

Deuteranopia
EFB42D

Trichromacy



Original Color
8DD216

Protanomaly
BBC510

Deuteranomaly
CBBF25

Tritanomaly
9AC88E

Monochromacy



Original Color
8DD216

Achromatopsia
A8A8A8

Achromatomaly
9EB773

CSS Examples

Text

The CSS property to change the color of the text to Hex 8DD216 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 #8DD216 looks like.

```
.text, #text, p{  
    color:#8DD216  
}
```

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 #8DD216 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DD216
}
```

Border

The CSS property to change the border of an element to Hex 8DD216 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
#8DD216 }
```

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

```
.border{ border-color:#8DD216 }
```

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

Here you see how a box with a 4 pixel #8DD216 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DD216; -webkit-box-shadow:4px 4px  
4px 4px #8DD216; box-shadow:4px 4px 4px  
4px #8DD216 }
```

Background

The CSS property to change the background color of an element to Hex 8DD216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DD216 }
```

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

```
.background{ background-color:#8DD216 }
```

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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