

Converting Colors

Hex(D8D22A)

Have a look what the booklet for
Hex(D8D22A) contains.

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Color

Hex(D8D22A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D8D22A |
| RGB | 216, 210, 42 |
| RGB Percent | 85%, 82%, 16% |
| CMY | 0.1529, 0.1765, 0.8353 |
| CMYK | 0.00, 0.03, 0.81, 0.15 |
| HSL | 58°, 69%, 51% |
| HSV | 58°, 81%, 85% |
| XYZ | 51.7834, 60.8593, 11.2082 |
| YIQ | 192.6420, 57.5040, -50.9760 |

Conversions

Conversions Part 2

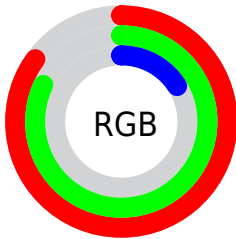
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 48, 216, 42 |
| Decimal | 14209578 |
| CIE Lab | 82.30, -15.35, 75.76 |
| CIE LCh | 82, 77.295, 101.454 |
| Yxy | 60.8593, 0.4181, 0.4914 |
| Android (android.graphics.Color) | 4292399658 (0xFFD8D22A) |
| YUV | 192.6420, -74.2665, 20.4850 |
| Hunter-Lab | 78.0124, -18.0361, 46.0903 |

Details

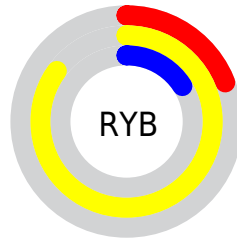
The Hex color **D8D22A** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **2A30D8**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFFF68**, and **9D9C00** is the 20% darker color. If you saturate the color by 10%, you get **D8D114**, and if you desaturate by 10%, it is **D8D340**.

Distribution



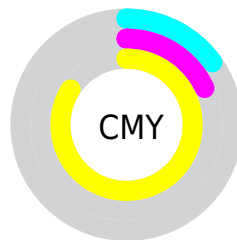
- Red (85%)
- Green (82%)
- Blue (16%)



- Red (19%)
- Yellow (85%)
- Blue (16%)



- Cyan (0%)
- Magenta (3%)
- Yellow (81%)
- Black (15%)



- Cyan (15%)
- Magenta (18%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color D8D22A 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 D8D22A by changing the saturation by 10% instead.

 D8D22A

 D8D22A

FFFFFF

 BAB700

 FFFF68

 9D9C00

 FFFF84

 808200

 FFFFA1

 646900

 FFFFBE

 495100

 FFFFDB

 2E3A00

 FFFFF9

 152500

 000F00

 000000

 D8D22A

 D8D22A

 D8D114

 D8D340

 D8D100

 D8D355

 D8D46B

 D8D580

 D8D696

 D8D6AC

 D8D7C1

 D8D8D7

 D8D9EC

Harmonies

Analogous

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



FFB93A



D8D22A



88E358

Triad

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



D8D22A



00ECFF



FF90FD

Complementary

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



D8D22A



2A30D8

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.



F4ADFF



D8D22A



00E1FF

Square

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



D8D22A



00EFE7



6CCCF



FF88B4

Rectangle

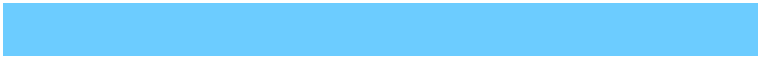
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D8D22A



23EA84



6CCCCF



FF98FF

Sweetspot

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



D8D22A



FFFDC2



D82A33



807E5B



000000



808080

Same Dimension

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



D8D22A



FFF608



8AD82A



6B6B60



ABA500



2B2A00

Inverse Universe

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



2A30D8



0810FF



782AD8



60616B



0006AB



00012B

Previews

White Background



This preview shows how the Hex color D8D22A looks on a white background.

Color Contrast Check

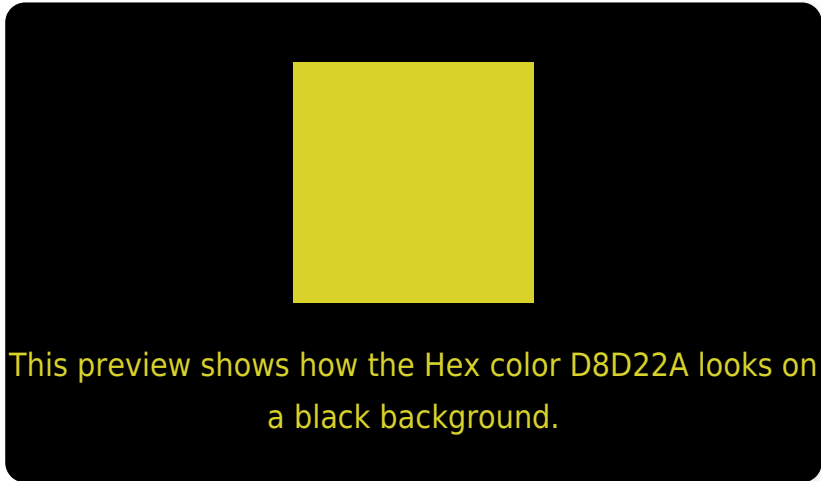
Large Text (above 18pt) WCAG AA × Fail

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 D8D22A Background



This preview shows how black text looks on a background with the Hex color D8D22A.

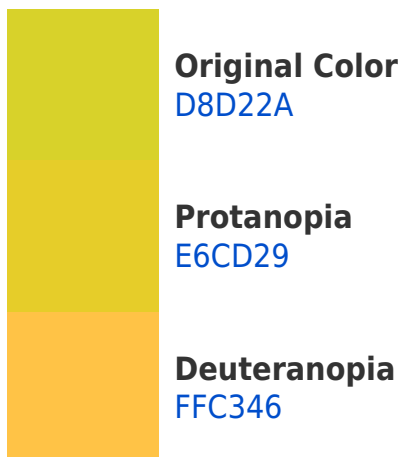


This preview shows how white text looks on a background with the Hex color D8D22A.

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](#).

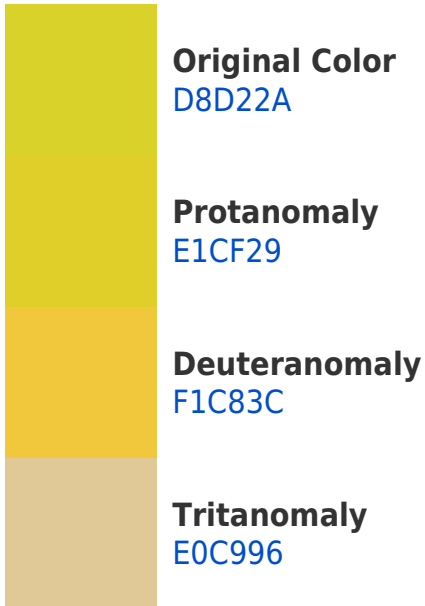
Dichromacy



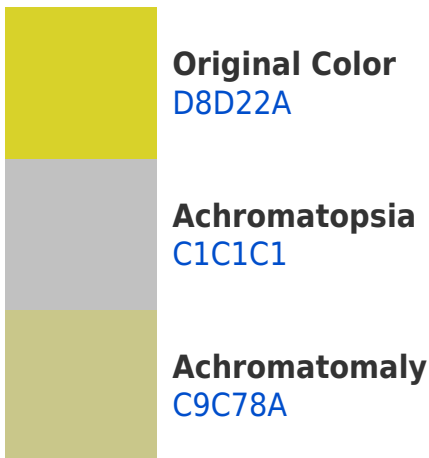


Tritanopia
E5C4D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D8D22A 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 #D8D22A looks like.

```
.text, #text, p{  
    color:#D8D22A  
}
```

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 #D8D22A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8D22A
}
```

Border

The CSS property to change the border of an element to Hex D8D22A 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
#D8D22A }
```

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

```
.border{ border-color:#D8D22A }
```

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

Here you see how a box with a 4 pixel #D8D22A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8D22A; -webkit-box-shadow:4px 4px  
4px 4px #D8D22A; box-shadow:4px 4px 4px  
4px #D8D22A }
```

Background

The CSS property to change the background color of an element to Hex D8D22A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8D22A }
```

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

```
.background{ background-color:#D8D22A }
```

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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