

Converting Colors

Hex(D8EC22)

Have a look what the booklet for
Hex(D8EC22) contains.

Hex(D8EC22)	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(D8EC22)

Conversions

Conversions Part 1

Format	Color
Hex	D8EC22
RGB	216, 236, 34
RGB Percent	85%, 93%, 13%
CMY	0.1529, 0.0745, 0.8667
CMYK	0.08, 0.00, 0.86, 0.07
HSL	66°, 84%, 53%
HSV	66°, 86%, 93%
XYZ	58.6031, 74.7053, 12.8442
YIQ	206.9920, 52.9220, -67.0620

Conversions

Conversions Part 2

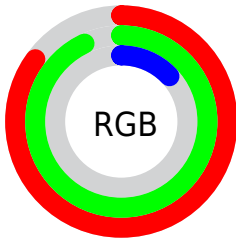
Format	Color
RYB	34, 236, 54
Decimal	14216226
CIELab	89.25, -28.12, 83.39
CIELCh	89, 88.001, 108.636
Yxy	74.7053, 0.4010, 0.5111
Android (android.graphics.Color)	4292406306 (0xFFD8EC22)
YUV	206.9920, -85.2851, 7.9000
Hunter-Lab	86.4322, -30.2292, 51.6918

Details

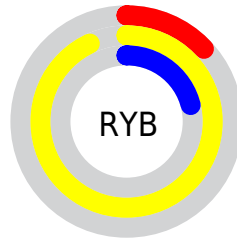
The Hex color **D8EC22** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **3622EC**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **FFFF67**, and **9DB400** is the 20% darker color. If you saturate the color by 10%, you get **D6EC0A**, and if you desaturate by 10%, it is **DAEC3A**.

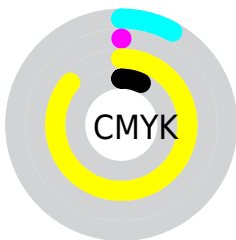
Distribution



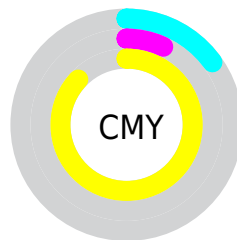
- Red (85%)
- Green (93%)
- Blue (13%)



- Red (13%)
- Yellow (93%)
- Blue (21%)



- Cyan (8%)
- Magenta (0%)
- Yellow (86%)
- Black (7%)



- Cyan (15%)
- Magenta (7%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color D8EC22 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 D8EC22 by changing the saturation by 10% instead.

 D8EC22

 D8EC22

FFFFFF

 BAD000

 FFFF67

 9DB400

 FFFF85

 809A00

 FFFFA2

 638000

 FFFFBF

 476700

 FFFFDD

 2A4E00

 FFFFFB

 0C3700

 002300

 000000

 D8EC22

 D8EC22

 D6EC0A

 DAEC3A

 D5EC00

 DDEC51

 DFEC69

 E1EC80

 E4EC98

 E6ECB0

 E8ECC7

 EBECDF

 EDECF6

Harmonies

Analogous

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



FFD122



D8EC22



6FFD69

Triad

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



D8EC22



00FFFF



FF92FF

Complementary

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



D8EC22



3622EC

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.



FFB2FF



D8EC22



00F3FF

Square

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



D8EC22



00FFFF



9FD7FF



FF90B0

Rectangle

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



D8EC22



00FFA0



9FD7FF



FF9AFF

Sweetspot

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



D8EC22



F8FFBD



EC3322



7C8058



000000



808080

Same Dimension

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



D8EC22



E6FF00



76EC22



74756A



A3B500



303600

Inverse Universe

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



3622EC



1900FF



9822EC



6B6A75



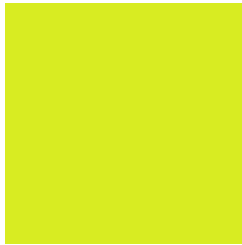
1200B5



050036

Previews

White Background



This preview shows how the Hex color D8EC22 looks on a white background.

Color Contrast Check

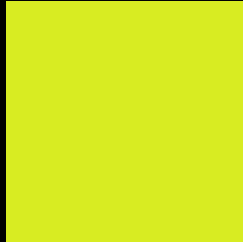
Large Text (above 18pt) WCAG AA × Fail

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 D8EC22 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 D8EC22 Background



This preview shows how black text looks on a background with the Hex color D8EC22.



This preview shows how white text looks on a background with the Hex color D8EC22.

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
D8EC22

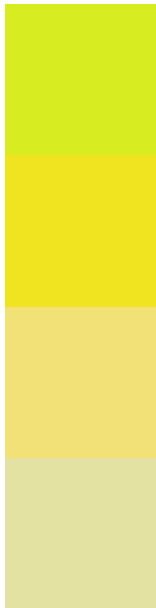
Protanopia
FCE01E

Deuteranopia
FFDAA6



Tritanopia
E9DCED

Trichromacy



Original Color
D8EC22

Protanomaly
EFE41F

Deuteranomaly
F1E176

Tritanomaly
E3E2A3

Monochromacy



Original Color
D8EC22

Achromatopsia
CFCFCF

Achromatomaly
D2DA90

CSS Examples

Text

The CSS property to change the color of the text to Hex D8EC22 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 #D8EC22 looks like.

```
.text, #text, p{  
    color:#D8EC22  
}
```

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 #D8EC22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8EC22
}
```

Border

The CSS property to change the border of an element to Hex D8EC22 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
#D8EC22 }
```

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

```
.border{ border-color:#D8EC22 }
```

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

Here you see how a box with a 4 pixel #D8EC22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8EC22; -webkit-box-shadow:4px 4px  
4px 4px #D8EC22; box-shadow:4px 4px 4px  
4px #D8EC22 }
```

Background

The CSS property to change the background color of an element to Hex D8EC22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8EC22 }
```

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

```
.background{ background-color:#D8EC22 }
```

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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