

Converting Colors

Hex(D5EA12)

Have a look what the booklet for
Hex(D5EA12) contains.

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Color

Hex(D5EA12)

Conversions

Conversions Part 1

Format	Color
Hex	D5EA12
RGB	213, 234, 18
RGB Percent	84%, 92%, 7%
CMY	0.1647, 0.0824, 0.9294
CMYK	0.09, 0.00, 0.92, 0.08
HSL	66°, 86%, 49%
HSV	66°, 92%, 92%
XYZ	56.9726, 73.0354, 11.6667
YIQ	203.0970, 56.8200, -71.6280

Conversions

Conversions Part 2

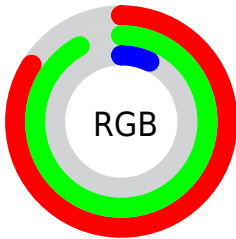
Format	Color
RYB	18, 234, 39
Decimal	14019090
CIELab	88.46, -28.70, 85.12
CIELCh	88, 89.826, 108.633
Yxy	73.0354, 0.4021, 0.5155
Android (android.graphics.Color)	4292209170 (0xFFD5EA12)
YUV	203.0970, -91.2528, 8.6849
Hunter-Lab	85.4608, -30.5590, 51.7285

Details

The Hex color **D5EA12** 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 **2712EA**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FFFF60**, and **9AB200** is the 20% darker color. If you saturate the color by 10%, you get **D3EA00**, and if you desaturate by 10%, it is **D7EA29**.

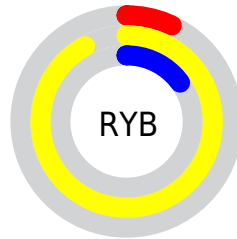
Distribution



Red (84%)

Green (92%)

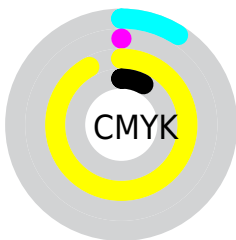
Blue (7%)



Red (7%)

Yellow (92%)

Blue (15%)

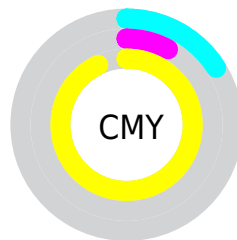


Cyan (9%)

Magenta (0%)

Yellow (92%)

Black (8%)



Cyan (16%)

Magenta (8%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color D5EA12 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 D5EA12 by changing the saturation by 10% instead.

 D5EA12

 D5EA12

FFFFFF

 B7CE00

 FFFF60

 9AB200

 FFFF7E

 7C9800

 FFFF9B

 607E00

 FFFFB9

 436500

 FFFFD7

 274D00

 FFFFF5

 073600

 002200

 000000

 D5EA12

 D5EA12

 D3EA00

 D7EA29

 DAEA41

 DCEA58

 DEEA70

 E0EA87

 E3EA9E

 E5EAB6

 E7EACD

 E9EAE5

Harmonies

Analogous

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



FFCE13



D5EA12



69FB64

Triad

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



D5EA12



00FFFF



FF8CFF

Complementary

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



D5EA12



2712EA

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.



FFAEFF



D5EA12



00F1FF

Square

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



D5EA12



00FFFF



99D5FF



FF8BAD

Rectangle

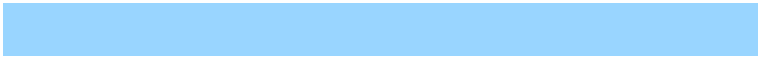
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D5EA12



00FF9C



99D5FF



FF96FF

Sweetspot

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



D5EA12



F8FFB8



EA2412



7B8054



000000



808080

Same Dimension

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



D5EA12



E6FF00



6CEA12



74756A



A3B500



303600

Inverse Universe

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



2712EA



1900FF



9012EA



6B6A75



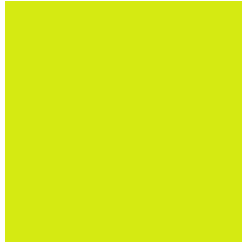
1200B5



050036

Previews

White Background



This preview shows how the Hex color D5EA12 looks on a white background.

Color Contrast Check

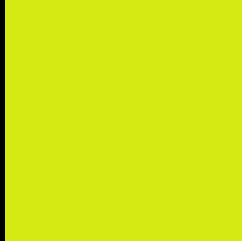
Large Text (above 18pt) WCAG AA × Fail

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 D5EA12 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 D5EA12 Background



This preview shows how black text looks on a background with the Hex color D5EA12.

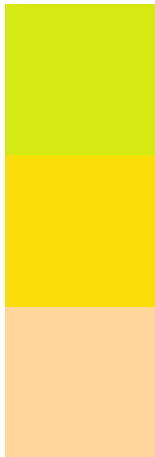


This preview shows how white text looks on a background with the Hex color D5EA12.

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
D5EA12

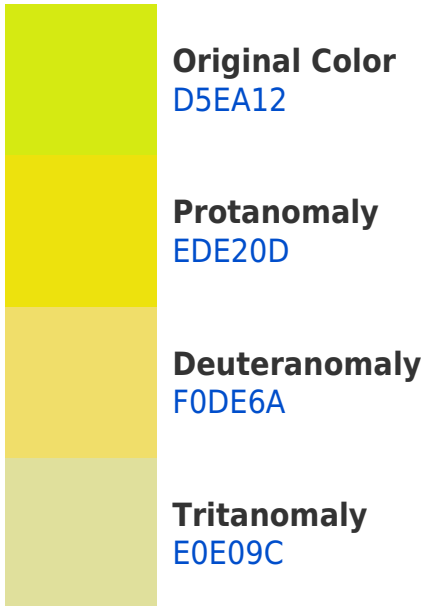
Protanopia
FADE0A

Deuteranopia
FFD79D

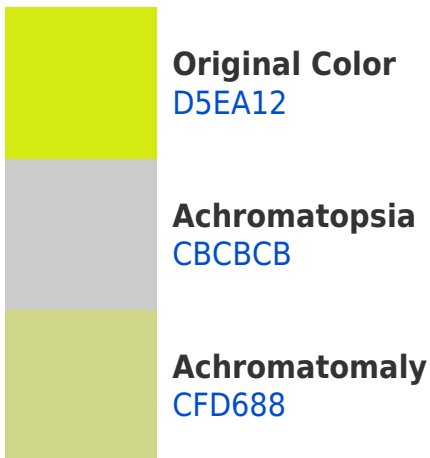


Tritanopia
E6DAEB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D5EA12 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 #D5EA12 looks like.

```
.text, #text, p{  
    color:#D5EA12  
}
```

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 #D5EA12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5EA12
}
```

Border

The CSS property to change the border of an element to Hex D5EA12 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
#D5EA12 }
```

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

```
.border{ border-color:#D5EA12 }
```

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

Here you see how a box with a 4 pixel #D5EA12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5EA12; -webkit-box-shadow:4px 4px  
4px 4px #D5EA12; box-shadow:4px 4px 4px  
4px #D5EA12 }
```

Background

The CSS property to change the background color of an element to Hex D5EA12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5EA12 }
```

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

```
.background{ background-color:#D5EA12 }
```

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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