

Converting Colors

Hex(D6ED36)

Have a look what the booklet for
Hex(D6ED36) contains.

Hex(D6ED36)	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(D6ED36)

Conversions

Conversions Part 1

Format	Color
Hex	D6ED36
RGB	214, 237, 54
RGB Percent	84%, 93%, 21%
CMY	0.1608, 0.0706, 0.7882
CMYK	0.10, 0.00, 0.77, 0.07
HSL	68°, 84%, 57%
HSV	68°, 77%, 93%
XYZ	58.6816, 75.1309, 14.8989
YIQ	209.2610, 45.0350, -61.7890

Conversions

Conversions Part 2

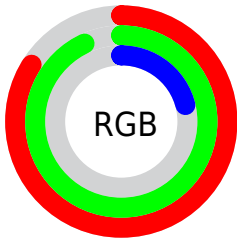
Format	Color
RYB	54, 237, 77
Decimal	14085430
CIELab	89.45, -28.79, 78.76
CIELCh	89, 83.854, 110.081
Yxy	75.1309, 0.3946, 0.5052
Android (android.graphics.Color)	4292275510 (0xFFD6ED36)
YUV	209.2610, -76.5437, 4.1561
Hunter-Lab	86.6781, -30.8410, 50.4834

Details

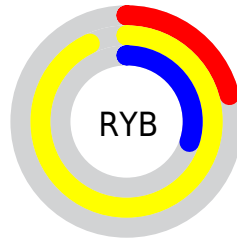
The Hex color **D6ED36** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **4D36ED**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFFF74**, and **9BB500** is the 20% darker color. If you saturate the color by 10%, you get **D3ED1E**, and if you desaturate by 10%, it is **D9ED4E**.

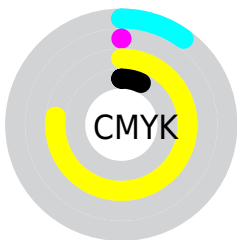
Distribution



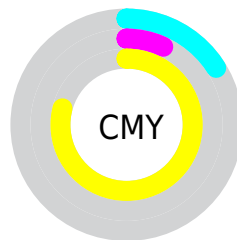
- Red (84%)
- Green (93%)
- Blue (21%)



- Red (21%)
- Yellow (93%)
- Blue (30%)



- Cyan (10%)
- Magenta (0%)
- Yellow (77%)
- Black (7%)



- Cyan (16%)
- Magenta (7%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color D6ED36 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 D6ED36 by changing the saturation by 10% instead.

 D6ED36

 D6ED36

FFFFFF

 B8D103

 FFFF74

 9BB500

 FFFF91

 7E9A00

 FFFFAE

 628000

 FFFF CB

 466700

 FFFF E8

 294F00

 0A3800

 002300

 000000

 D6ED36

 D6ED36

 D3ED1E

 D9ED4E

 D0ED07

 DCED65

 CFED00

 DFED7D

 E2ED95

 E5EDAC

 E8EDC4

 EBEDDC

 EEEDF4

 F1EDFF

Harmonies

Analogous

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



FFD331



D6ED36



72FD74

Triad

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



D6ED36



00FFFF



FF97FF

Complementary

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



D6ED36



4D36ED

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.



FFB4FF



D6ED36



00F2FF

Square

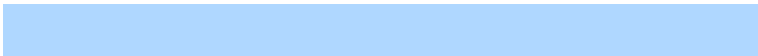
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D6ED36



00FFFF



AFD7FF



FF98AF

Rectangle

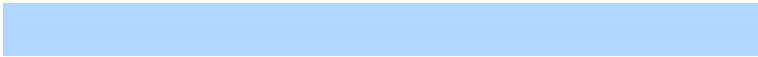
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D6ED36



00FFA7



AFD7FF



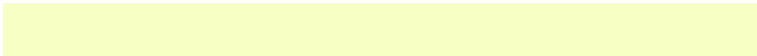
FF9EFF

Sweetspot

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



D6ED36



F8FFC4



ED4B36



7B805C



000000



808080

Same Dimension

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



D6ED36



E1FF12



7CED36



74756A



9EB500



2F3600

Inverse Universe

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



4D36ED



3012FF



A736ED



6B6A75



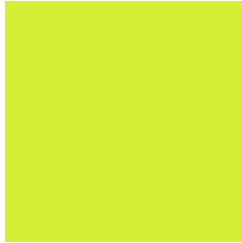
1700B5



070036

Previews

White Background



This preview shows how the Hex color D6ED36 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 D6ED36 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 D6ED36 Background



This preview shows how black text looks on a background with the Hex color D6ED36.



This preview shows how white text looks on a background with the Hex color D6ED36.

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

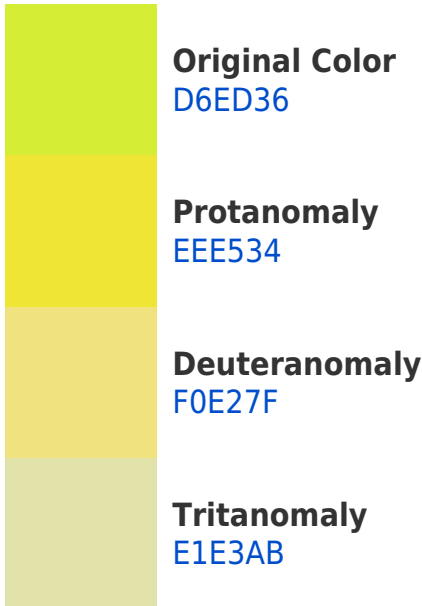


Original Color
D6ED36

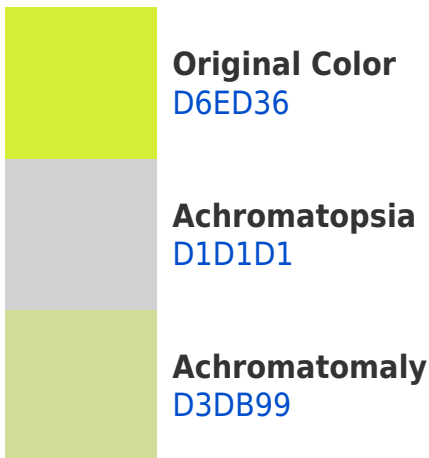
Protanopia
FCE133

Deuteranopia
FFDBA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D6ED36 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 #D6ED36 looks like.

```
.text, #text, p{  
    color:#D6ED36  
}
```

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 #D6ED36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6ED36
}
```

Border

The CSS property to change the border of an element to Hex D6ED36 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
#D6ED36 }
```

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

```
.border{ border-color:#D6ED36 }
```

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

Here you see how a box with a 4 pixel #D6ED36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6ED36; -webkit-box-shadow:4px 4px  
4px 4px #D6ED36; box-shadow:4px 4px 4px  
4px #D6ED36 }
```

Background

The CSS property to change the background color of an element to Hex D6ED36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6ED36 }
```

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

```
.background{ background-color:#D6ED36 }
```

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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