

Converting Colors

Hex(D6DA45)

Have a look what the booklet for
Hex(D6DA45) contains.

Hex(D6DA45)	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(D6DA45)

Conversions

Conversions Part 1

Format	Color
Hex	D6DA45
RGB	214, 218, 69
RGB Percent	84%, 85%, 27%
CMY	0.1608, 0.1451, 0.7294
CMYK	0.02, 0.00, 0.68, 0.15
HSL	62°, 67%, 56%
HSV	62°, 68%, 85%
XYZ	53.8771, 64.8686, 15.3115
YIQ	199.8180, 45.4450, -47.1870

Conversions

Conversions Part 2

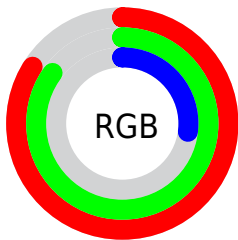
Format	Color
RYB	69, 218, 73
Decimal	14080581
CIELab	84.42, -19.03, 69.13
CIELCh	84, 71.698, 105.389
Yxy	64.8686, 0.4019, 0.4839
Android (android.graphics.Color)	4292270661 (0xFFD6DA45)
YUV	199.8180, -64.4933, 12.4376
Hunter-Lab	80.5411, -21.5411, 45.1072

Details

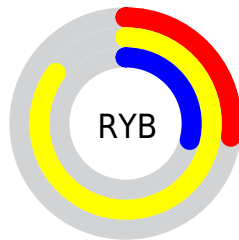
The Hex color **D6DA45** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **4945DA**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **FFFF7D**, and **9CA300** is the 20% darker color. If you saturate the color by 10%, you get **D5DA2F**, and if you desaturate by 10%, it is **D7DA5B**.

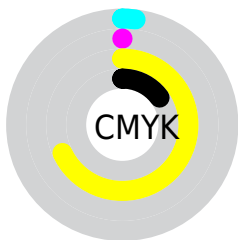
Distribution



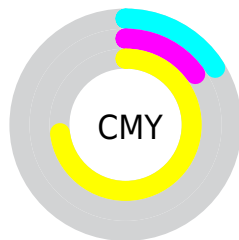
- Red (84%)
- Green (85%)
- Blue (27%)



- Red (27%)
- Yellow (85%)
- Blue (29%)



- Cyan (2%)
- Magenta (0%)
- Yellow (68%)
- Black (15%)



- Cyan (16%)
- Magenta (15%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color D6DA45 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 D6DA45 by changing the saturation by 10% instead.

 D6DA45

 D6DA45

FFFFFF

 B9BE25

 FFFF7D

 9CA300

 FFFF9A

 7F8900

 FFFFB6

 647000

 FFFFDD

 495800

 FFFFF0

 2E4000

 142A00

 001800

 000000

 D6DA45

 D6DA45

 D5DA2F

 D7DA5B

 D5DA19

 D7DA71

 D4DA04

 D8DA86

 D4DA00

 D8DA9C

 D9DAB2

 DADAC8

 DADADE

 DBDAF3

 DBDAFF

Harmonies

Analogous

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



FFC349



D6DA45



89E96F

Triad

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



D6DA45



00F0FF



FF9AF7

Complementary

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



D6DA45



4945DA

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



D6DA45



00E3FF

Square

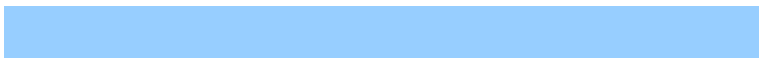
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D6DA45



00F4F4



97CEFF



FF96B2

Rectangle

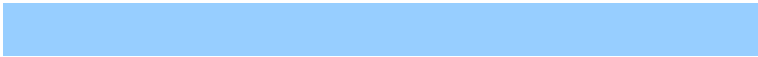
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D6DA45



2EF098



97CEFF



FFA1FF

Sweetspot

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



D6DA45



FEFFC9



DA4745



7F8060



000000



808080

Same Dimension

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



D6DA45



F9FF2E



8DDA45



6D6E63



A9AD00



2D2E00

Inverse Universe

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



4945DA



342EFF



9245DA



63636E



0500AD



01002E

Previews

White Background



This preview shows how the Hex color D6DA45 looks on a white background.

Color Contrast Check

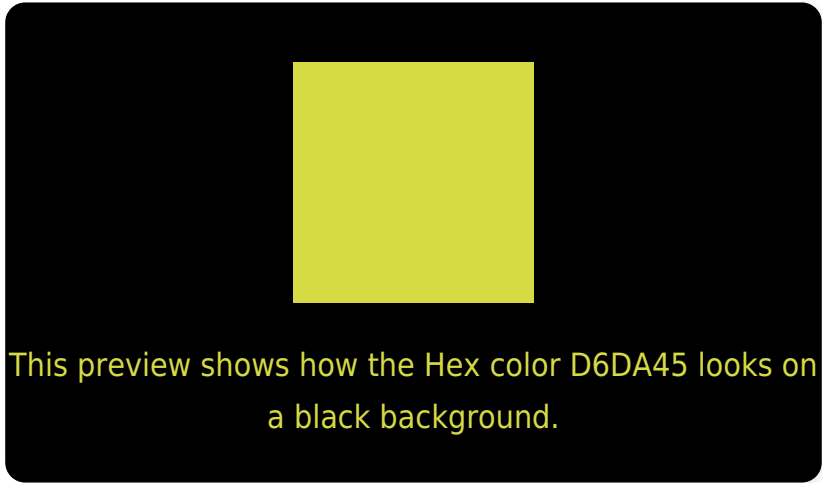
Large Text (above 18pt) WCAG AA × Fail

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 D6DA45 Background



This preview shows how black text looks on a background with the Hex color D6DA45.

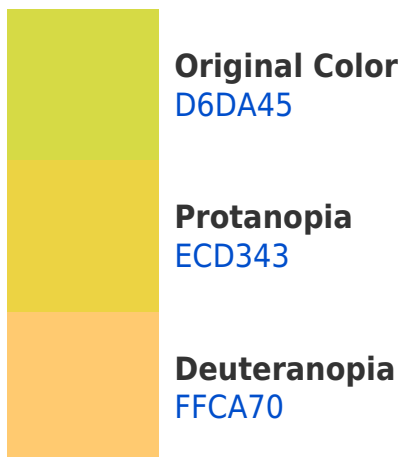


This preview shows how white text looks on a background with the Hex color D6DA45.

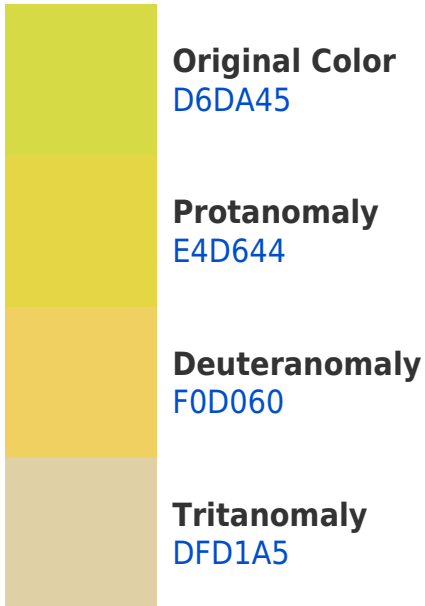
Color Blindness Simulation

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](#).

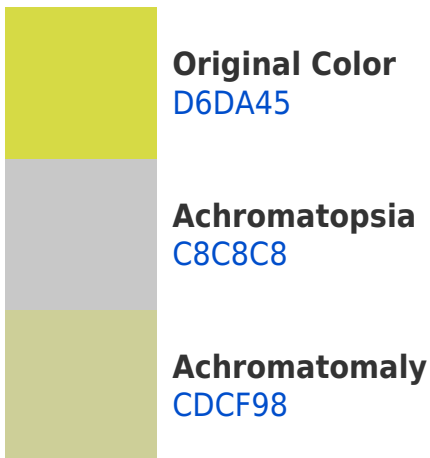
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D6DA45 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 #D6DA45 looks like.

```
.text, #text, p{  
    color:#D6DA45  
}
```

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 #D6DA45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6DA45
}
```

Border

The CSS property to change the border of an element to Hex D6DA45 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
#D6DA45 }
```

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

```
.border{ border-color:#D6DA45 }
```

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

Here you see how a box with a 4 pixel #D6DA45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6DA45; -webkit-box-shadow:4px 4px  
4px 4px #D6DA45; box-shadow:4px 4px 4px  
4px #D6DA45 }
```

Background

The CSS property to change the background color of an element to Hex D6DA45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6DA45 }
```

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

```
.background{ background-color:#D6DA45 }
```

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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