

Converting Colors

Hex(D5AC36)

Have a look what the booklet for
Hex(D5AC36) contains.

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Color

Hex(D5AC36)

Conversions

Conversions Part 1

Format	Color
Hex	D5AC36
RGB	213, 172, 54
RGB Percent	84%, 67%, 21%
CMY	0.1647, 0.3255, 0.7882
CMYK	0.00, 0.19, 0.75, 0.16
HSL	45°, 65%, 52%
HSV	45°, 75%, 84%
XYZ	42.8590, 43.9175, 9.7080
YIQ	170.8070, 62.3140, -28.0060

Conversions

Conversions Part 2

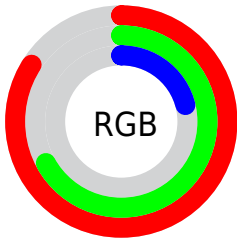
Format	Color
RYB	109, 213, 54
Decimal	14003254
CIELab	72.17, 3.36, 62.67
CIELCh	72, 62.764, 86.932
Yxy	43.9175, 0.4442, 0.4552
Android (android.graphics.Color)	4292193334 (0xFFD5AC36)
YUV	170.8070, -57.5859, 37.0033
Hunter-Lab	66.2703, -0.5318, 37.7037

Details

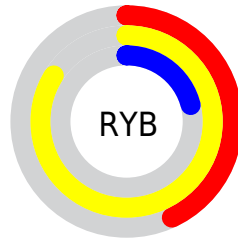
The Hex color **D5AC36** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **365FD5**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFE36D**, and **9A7800** is the 20% darker color. If you saturate the color by 10%, you get **D5A721**, and if you desaturate by 10%, it is **D5B14B**.

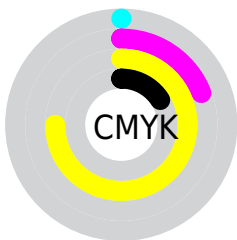
Distribution



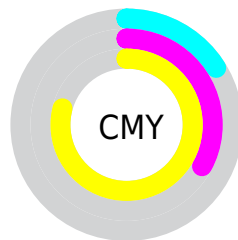
- Red (84%)
- Green (67%)
- Blue (21%)



- Red (43%)
- Yellow (84%)
- Blue (21%)



- Cyan (0%)
- Magenta (19%)
- Yellow (75%)
- Black (16%)



- Cyan (16%)
- Magenta (33%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color D5AC36 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 D5AC36 by changing the saturation by 10% instead.

 D5AC36

 D5AC36

FFFFFF

 B79216

 FFE36D

 9A7800

 FFFF88

 7E6000

 FFFFA3

 624800

 FFFF00

 463200

 FFFFDC

 2D1D00

 FFFFFA

 130500

 000000

 D5AC36

 D5AC36

 D5A721

 D5B14B

 D5A10B

 D5B761

 D59E00

 D5BC76

 D5C28B

 D5C7A1

 D5CDB6

 D5D2CB

 D5D8E0

 D5DDF6

Harmonies

Analogous

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



FF9651



D5AC36



9DBD43

Triad

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



D5AC36



00CCE3



F18CF0

Complementary

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



D5AC36



365FD5

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.



A8A4FF



D5AC36



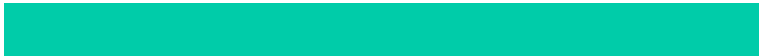
00C6FF

Square

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



D5AC36



00CCA9



00B9FF



FF7DB9

Rectangle

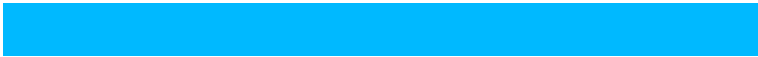
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D5AC36



6EC55F



00B9FF



DD94FF

Sweetspot

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



D5AC36



FFF1C7



D53660



80775E



000000



808080

Same Dimension

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



D5AC36



FFC419



B0D536



6B6860



AB7F00



2B2000

Inverse Universe

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



365FD5



1955FF



5B36D5



60636B



002CAB



000B2B

Previews

White Background



This preview shows how the Hex color D5AC36 looks on a white background.

Color Contrast Check

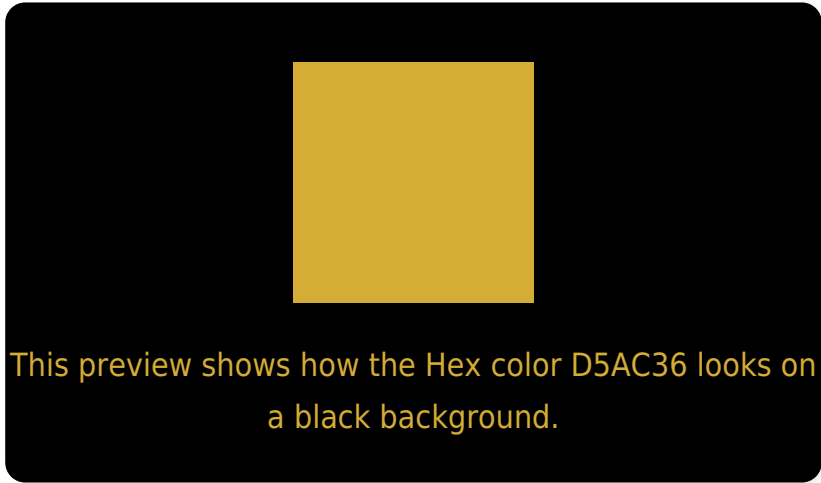
Large Text (above 18pt) WCAG AA × Fail

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 D5AC36 Background



This preview shows how black text looks on a background with the Hex color D5AC36.

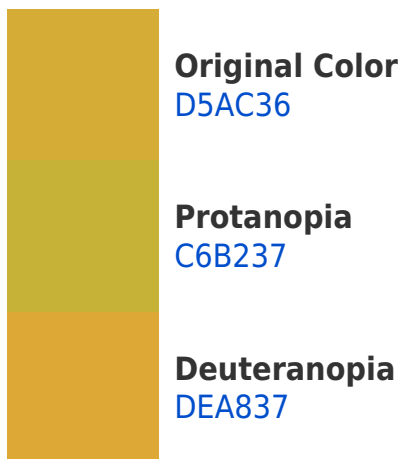


This preview shows how white text looks on a background with the Hex color D5AC36.

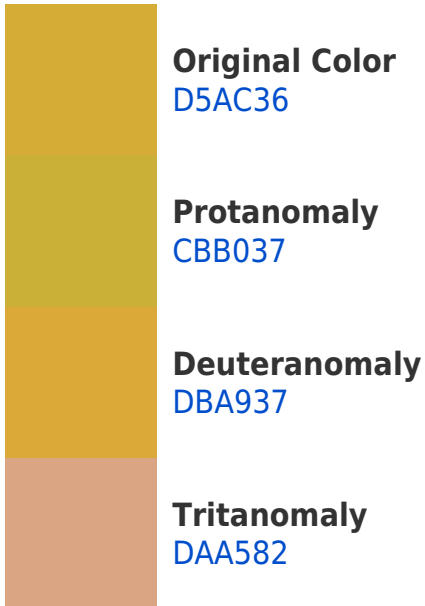
Color Blindness Simulation

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](#).

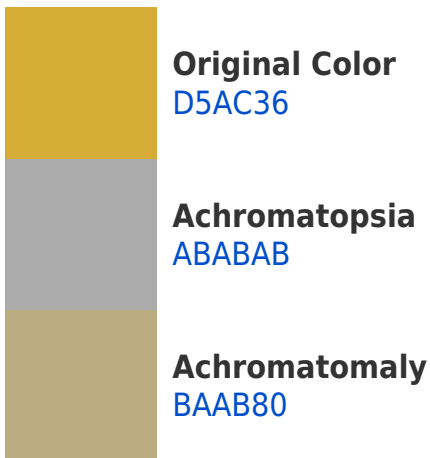
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D5AC36 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 #D5AC36 looks like.

```
.text, #text, p{  
    color:#D5AC36  
}
```

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 #D5AC36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5AC36
}
```

Border

The CSS property to change the border of an element to Hex D5AC36 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
#D5AC36 }
```

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

```
.border{ border-color:#D5AC36 }
```

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

Here you see how a box with a 4 pixel #D5AC36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5AC36; -webkit-box-shadow:4px 4px  
4px 4px #D5AC36; box-shadow:4px 4px 4px  
4px #D5AC36 }
```

Background

The CSS property to change the background color of an element to Hex D5AC36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5AC36 }
```

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

```
.background{ background-color:#D5AC36 }
```

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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