

Converting Colors

Hex(D5AF42)

Have a look what the booklet for
Hex(D5AF42) contains.

Hex(D5AF42)	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(D5AF42)

Conversions

Conversions Part 1

Format	Color
Hex	D5AF42
RGB	213, 175, 66
RGB Percent	84%, 69%, 26%
CMY	0.1647, 0.3137, 0.7412
CMYK	0.00, 0.18, 0.69, 0.16
HSL	44°, 64%, 55%
HSV	44°, 69%, 84%
XYZ	43.7539, 45.1994, 11.5725
YIQ	173.9360, 57.6370, -25.8430

Conversions

Conversions Part 2

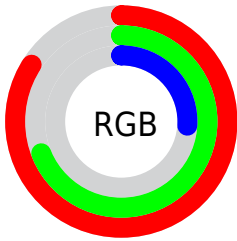
Format	Color
RYB	117, 213, 66
Decimal	14004034
CIELab	73.02, 2.35, 58.75
CIELCh	73, 58.798, 87.712
Yxy	45.1994, 0.4353, 0.4496
Android (android.graphics.Color)	4292194114 (0xFFD5AF42)
YUV	173.9360, -53.2124, 34.2591
Hunter-Lab	67.2305, -1.4848, 36.8556

Details

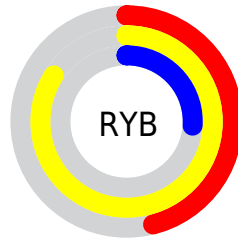
The Hex color **D5AF42** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **4268D5**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFE677**, and **9B7B00** is the 20% darker color. If you saturate the color by 10%, you get **D5A92D**, and if you desaturate by 10%, it is **D5B557**.

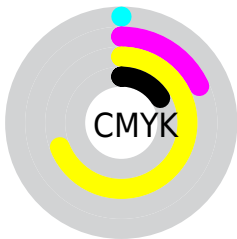
Distribution



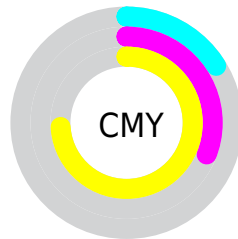
- Red (84%)
- Green (69%)
- Blue (26%)



- Red (46%)
- Yellow (84%)
- Blue (26%)



- Cyan (0%)
- Magenta (18%)
- Yellow (69%)
- Black (16%)



- Cyan (16%)
- Magenta (31%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color D5AF42 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 D5AF42 by changing the saturation by 10% instead.

 D5AF42

 D5AF42

FFFFFF

 B89526

 FFE677

 9B7B00

 FFFF92

 7E6200

 FFFFAE

 634B00

 FFFFCA

 473400

 FFFF E7

 2E2000

 140900

 000000

 D5AF42

 D5AF42

 D5A92D

 D5B557

 D5A417

 D5BA6D

 D59E02

 D5C082

 D59E00

 D5C597

 D5CBAD

 D5D0C2

 D5D6D7

 D5DBEC

 D5E1FF

Harmonies

Analogous

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



FE9B59



D5AF42



A0BF4E

Triad

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



D5AF42



00CDE4



F191EE

Complementary

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



D5AF42



4268D5

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.



AFA7FF



D5AF42



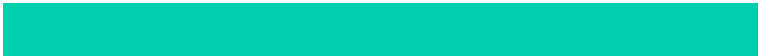
00C7FF

Square

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



D5AF42



00CEAD



2ABAFF



FF84BA

Rectangle

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



D5AF42



74C668



2ABAFF



DF98FC

Sweetspot

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



D5AF42



FFF1C9



D54269



807760



000000



808080

Same Dimension

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



D5AF42



FFC82B



B3D542



6B6860



AB7F00



2B2000

Inverse Universe

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



4268D5



2B62FF



6442D5



60636B



002CAB



000B2B

Previews

White Background



This preview shows how the Hex color D5AF42 looks on a white background.

Color Contrast Check

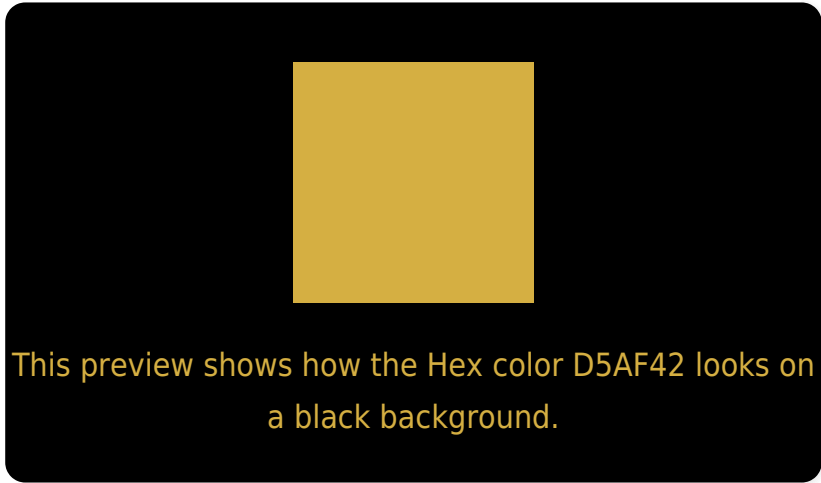
Large Text (above 18pt) WCAG AA × Fail

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 D5AF42 Background



This preview shows how black text looks on a background with the Hex color D5AF42.

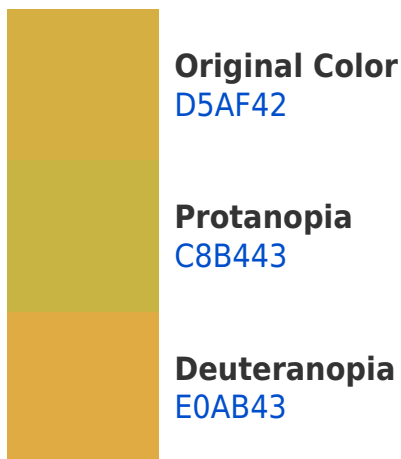


This preview shows how white text looks on a background with the Hex color D5AF42.

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](#).

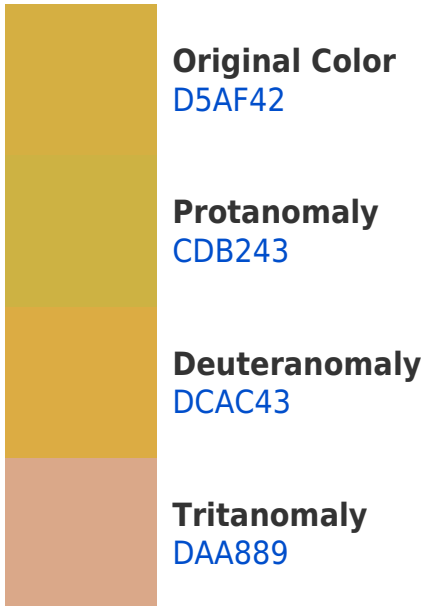
Dichromacy



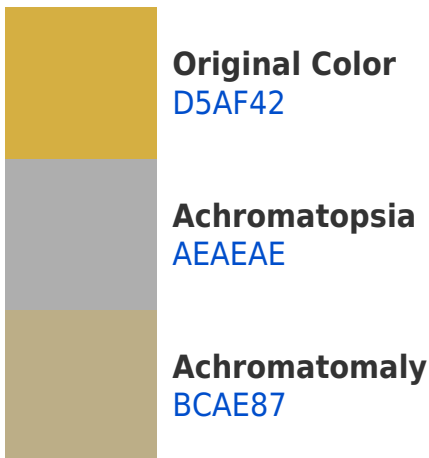


Tritanopia
DDA4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D5AF42 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 #D5AF42 looks like.

```
.text, #text, p{  
    color:#D5AF42  
}
```

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 #D5AF42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5AF42
}
```

Border

The CSS property to change the border of an element to Hex D5AF42 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
#D5AF42 }
```

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

```
.border{ border-color:#D5AF42 }
```

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

Here you see how a box with a 4 pixel #D5AF42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5AF42; -webkit-box-shadow:4px 4px  
4px 4px #D5AF42; box-shadow:4px 4px 4px  
4px #D5AF42 }
```

Background

The CSS property to change the background color of an element to Hex D5AF42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5AF42 }
```

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

```
.background{ background-color:#D5AF42 }
```

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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