

Converting Colors

Hex(D5A003)

Have a look what the booklet for
Hex(D5A003) contains.

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Color

Hex(D5A003)

Conversions

Conversions Part 1

Format	Color
Hex	D5A003
RGB	213, 160, 3
RGB Percent	84%, 63%, 1%
CMY	0.1647, 0.3725, 0.9882
CMYK	0.00, 0.25, 0.99, 0.16
HSL	45°, 97%, 42%
HSV	45°, 99%, 84%
XYZ	40.0278, 39.2943, 5.5610
YIQ	157.9490, 81.9850, -37.5910

Conversions

Conversions Part 2

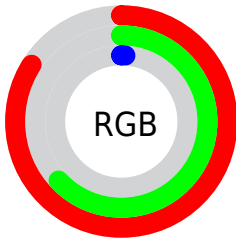
Format	Color
RYB	74, 213, 3
Decimal	14000131
CIELab	68.96, 8.56, 72.29
CIELCh	69, 72.790, 83.249
Yxy	39.2943, 0.4716, 0.4629
Android (android.graphics.Color)	4292190211 (0xFFD5A003)
YUV	157.9490, -76.3899, 48.2797
Hunter-Lab	62.6852, 4.2827, 38.6198

Details

The Hex color **D5A003** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **0338D5**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFD64D**, and **996D00** is the 20% darker color. If you saturate the color by 10%, you get **D59F00**, and if you desaturate by 10%, it is **D5A518**.

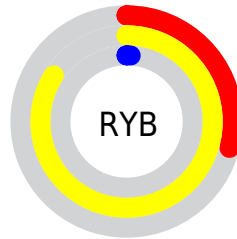
Distribution



Red (84%)

Green (63%)

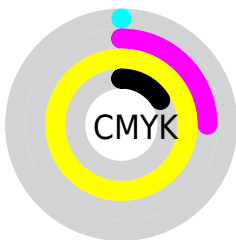
Blue (1%)



Red (29%)

Yellow (84%)

Blue (1%)

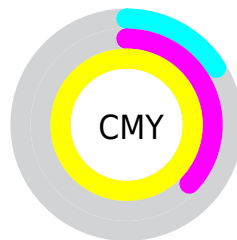


Cyan (0%)

Magenta (25%)

Yellow (99%)

Black (16%)



Cyan (16%)

Magenta (37%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color D5A003 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 D5A003 by changing the saturation by 10% instead.

 D5A003

 D5A003

FFFFFF

 B78600

 FFD64D

 996D00

 FFF36A

 7C5500

 FFFF86

 5F3E00

 FFFFA2

 442800

 FFFFBE

 2A1400

 FFFFDB

 0B0000

 FFFFF9

 000000

 D5A003

 D5A003

 D59F00

 D5A518

 D5AB2E

 D5B043

 D5B658

 D5BB6E

 D5C083

 D5C698

 D5CBAD

 D5D0C3

Harmonies

Analogous

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



FF853E



D5A003



97B417

Triad

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



D5A003



00C7DB



E97FF8

Complementary

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



D5A003



0338D5

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.



8A9DFF



D5A003



00C2FF

Square

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



D5A003



00C697



00B4FF



FF67BA

Rectangle

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



D5A003



61BD40



00B4FF



D089FF

Sweetspot

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



D5A003



FFECB3



D5033B



807452



000000



808080

Same Dimension

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



D5A003



FFBF00



A4D503



6B6860



AB8000



2B2000

Inverse Universe

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



0338D5



0040FF



3403D5



60636B



002BAB



000B2B

Previews

White Background



This preview shows how the Hex color D5A003 looks on a white background.

Color Contrast Check

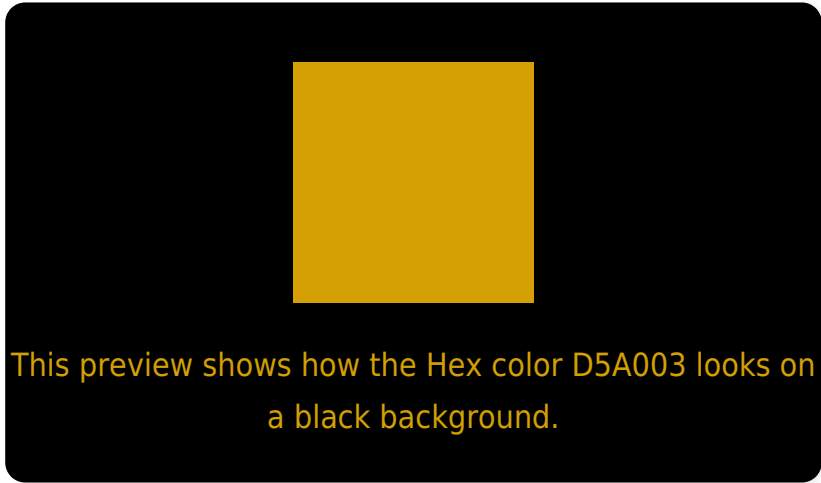
Large Text (above 18pt) WCAG AA × Fail

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 D5A003 Background



This preview shows how black text looks on a background with the Hex color D5A003.



This preview shows how white text looks on a background with the Hex color D5A003.

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
D5A003

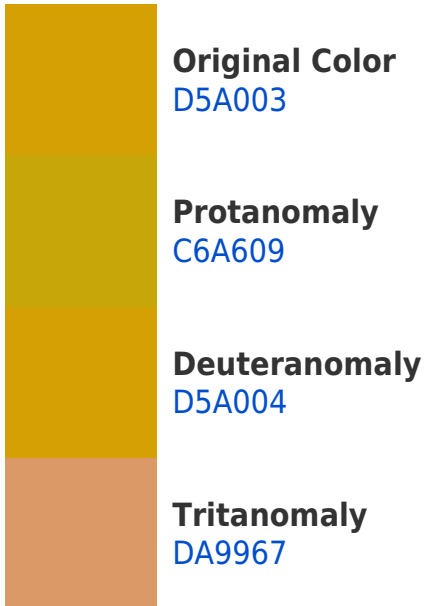
Protanopia
BEA90C

Deuteranopia
D5A004



Tritanopia
DD95A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D5A003 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 #D5A003 looks like.

```
.text, #text, p{  
    color:#D5A003  
}
```

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 #D5A003 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5A003
}
```

Border

The CSS property to change the border of an element to Hex D5A003 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
#D5A003 }
```

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

```
.border{ border-color:#D5A003 }
```

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

Here you see how a box with a 4 pixel #D5A003 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5A003; -webkit-box-shadow:4px 4px  
4px 4px #D5A003; box-shadow:4px 4px 4px  
4px #D5A003 }
```

Background

The CSS property to change the background color of an element to Hex D5A003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5A003 }
```

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

```
.background{ background-color:#D5A003 }
```

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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