

Converting Colors

Hex(D5A000)

Have a look what the booklet for
Hex(D5A000) contains.

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Color

Hex(D5A000)

Conversions

Conversions Part 1

Format	Color
Hex	D5A000
RGB	213, 160, 0
RGB Percent	84%, 63%, 0%
CMY	0.1647, 0.3725, 1.0000
CMYK	0.00, 0.25, 1.00, 0.16
HSL	45°, 100%, 42%
HSV	45°, 100%, 84%
XYZ	40.0114, 39.2877, 5.4745
YIQ	157.6070, 82.9480, -38.5240

Conversions

Conversions Part 2

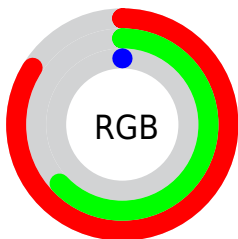
Format	Color
RYB	71, 213, 0
Decimal	14000128
CIELab	68.96, 8.53, 72.66
CIELCh	69, 73.163, 83.307
Yxy	39.2877, 0.4720, 0.4634
Android (android.graphics.Color)	4292190208 (0xFFD5A000)
YUV	157.6070, -77.7003, 48.5797
Hunter-Lab	62.6799, 4.2546, 38.6976

Details

The Hex color **D5A000** 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 **0035D5**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFD64C**, and **996D00** is the 20% darker color. If you saturate the color by 10%, you get **D5A000**, and if you desaturate by 10%, it is **D5A515**.

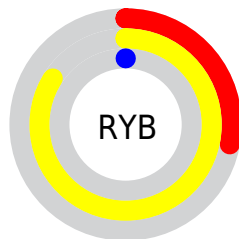
Distribution



Red (84%)

Green (63%)

Blue (0%)



Red (28%)

Yellow (84%)

Blue (0%)

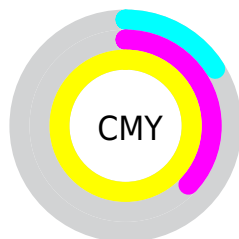


Cyan (0%)

Magenta (25%)

Yellow (100%)

Black (16%)



Cyan (16%)

Magenta (37%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color D5A000 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 D5A000 by changing the saturation by 10% instead.

 D5A000

 D5A000

FFFFFF

 B78600

 FFD64C

 996D00

 FFF369

 7C5500

 FFFF85

 5F3E00

 FFFFA1

 442800

 FFFFBD

 2A1400

 FFFFDA

 0B0000

 FFFFF8

 000000

 D5A000

 D5A515

 D5AB2B

 D5B040

 D5B555

 D5BB6B

 D5C080

 D5C595

 D5CAAA

 D5D0C0

Harmonies

Analogous

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



FF853D



D5A000



97B416

Triad

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



D5A000



00C7DB



EA7FF8

Complementary

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



D5A000



0035D5

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



D5A000



00C2FF

Square

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



D5A000



00C697



00B5FF



FF67BA

Rectangle

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



D5A000



61BD3F



00B5FF



D189FF

Sweetspot

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



D5A000



FFECB3



D50035



807452



000000



808080

Same Dimension

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



D5A000



FFC000



A0D500



6B6860



AB8000



2B2100

Inverse Universe

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



0035D5



003FFF



3500D5



60636B



002BAB



000B2B

Previews

White Background



This preview shows how the Hex color D5A000 looks on a white background.

Color Contrast Check

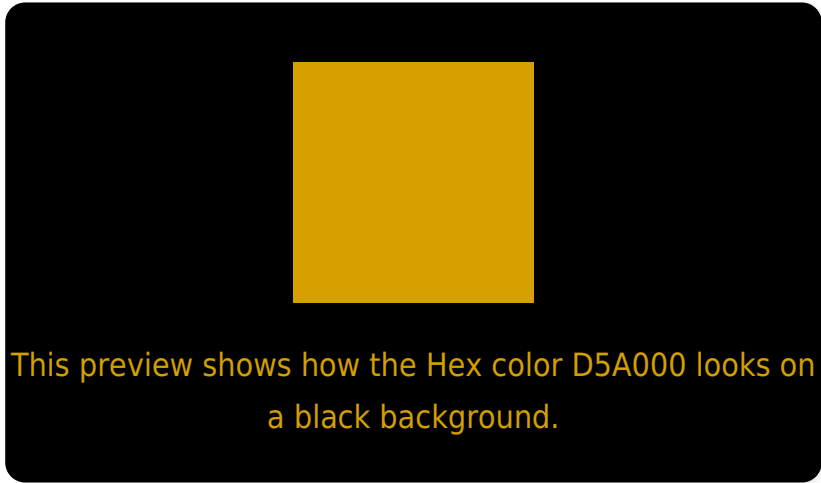
Large Text (above 18pt) WCAG AA × Fail

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 D5A000 Background



This preview shows how black text looks on a background with the Hex color D5A000.



This preview shows how white text looks on a background with the Hex color D5A000.

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
D5A000

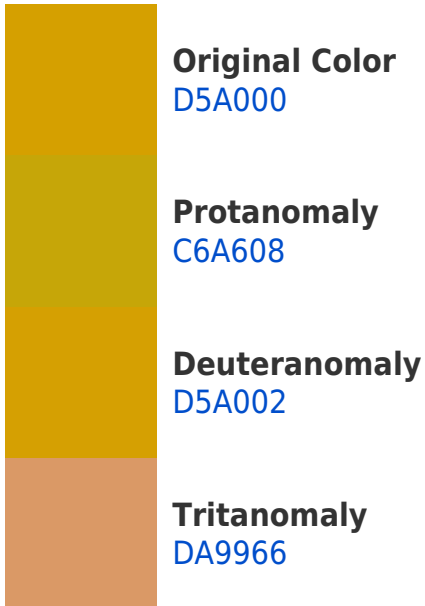
Protanopia
BEA90C

Deuteranopia
D5A003



Tritanopia
DD95A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D5A000 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 #D5A000 looks like.

```
.text, #text, p{  
    color:#D5A000  
}
```

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 #D5A000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5A000
}
```

Border

The CSS property to change the border of an element to Hex D5A000 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
#D5A000 }
```

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

```
.border{ border-color:#D5A000 }
```

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

Here you see how a box with a 4 pixel #D5A000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5A000; -webkit-box-shadow:4px 4px  
4px 4px #D5A000; box-shadow:4px 4px 4px  
4px #D5A000 }
```

Background

The CSS property to change the background color of an element to Hex D5A000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5A000 }
```

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

```
.background{ background-color:#D5A000 }
```

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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