

Converting Colors

Hex(D5AB2A)

Have a look what the booklet for
Hex(D5AB2A) contains.

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Color

Hex(D5AB2A)

Conversions

Conversions Part 1

Format	Color
Hex	D5AB2A
RGB	213, 171, 42
RGB Percent	84%, 67%, 16%
CMY	0.1647, 0.3294, 0.8353
CMYK	0.00, 0.20, 0.80, 0.16
HSL	45°, 67%, 50%
HSV	45°, 80%, 84%
XYZ	42.4214, 43.4391, 8.3392
YIQ	168.8520, 66.4410, -31.2150

Conversions

Conversions Part 2

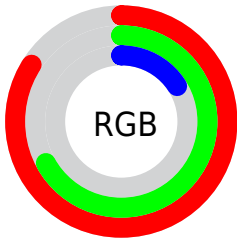
Format	Color
RYB	98, 213, 42
Decimal	14002986
CIELab	71.85, 3.44, 66.53
CIELCh	72, 66.623, 87.045
Yxy	43.4391, 0.4503, 0.4611
Android (android.graphics.Color)	4292193066 (0xFFD5AB2A)
YUV	168.8520, -62.5380, 38.7178
Hunter-Lab	65.9084, -0.4495, 38.6340

Details

The Hex color **D5AB2A** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **2A54D5**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFE263**, and **9A7700** is the 20% darker color. If you saturate the color by 10%, you get **D5A615**, and if you desaturate by 10%, it is **D5B03F**.

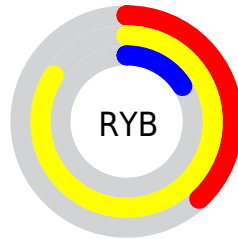
Distribution



Red (84%)

Green (67%)

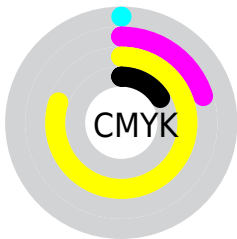
Blue (16%)



Red (38%)

Yellow (84%)

Blue (16%)

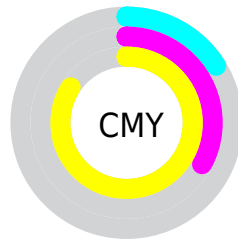


Cyan (0%)

Magenta (20%)

Yellow (80%)

Black (16%)



Cyan (16%)

Magenta (33%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color D5AB2A 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 D5AB2A by changing the saturation by 10% instead.

 D5AB2A

 D5AB2A

FFFFFF

 B79100

 FFE263

 9A7700

 FFFF7E

 7D5F00

 FFFF9A

 614700

 FFFFB6

 463100

 FFFFD3

 2C1D00

 FFFFF0

 120400

 000000

 D5AB2A

 D5AB2A

 D5A615

 D5B03F

 D5A100

 D5B555

 D5BB6A

 D5C07F

 D5C595

 D5CAAA

 D5D0BF

 D5D5D4

 D5DAEA

Harmonies

Analogous

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



FF9349



D5AB2A



9ABD3A

Triad

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



D5AB2A



00CDE6



F488F3

Complementary

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



D5AB2A



2A54D5

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.



A6A3FF



D5AB2A



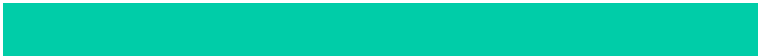
00C7FF

Square

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



D5AB2A



00CDA8



00B9FF



FF77B9

Rectangle

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



D5AB2A



67C558



00B9FF



DF91FF

Sweetspot

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



D5AB2A



FFF0C2



D52A55



80765B



000000



808080

Same Dimension

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



D5AB2A



FFC30A



AAD52A



6B6860



AB8100



2B2100

Inverse Universe

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



2A54D5



0A46FF



552AD5



60636B



002AAB



000B2B

Previews

White Background



This preview shows how the Hex color D5AB2A looks on a white background.

Color Contrast Check

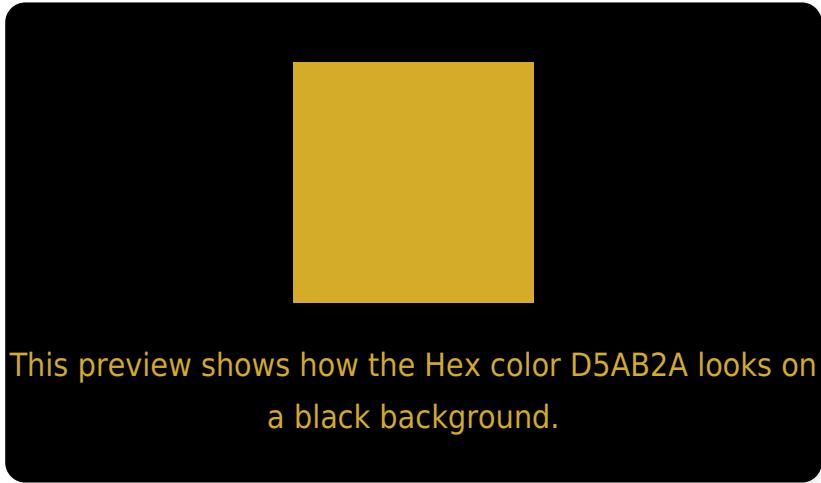
Large Text (above 18pt) WCAG AA × Fail

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 D5AB2A Background



This preview shows how black text looks on a background with the Hex color D5AB2A.



This preview shows how white text looks on a background with the Hex color D5AB2A.

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
D5AB2A

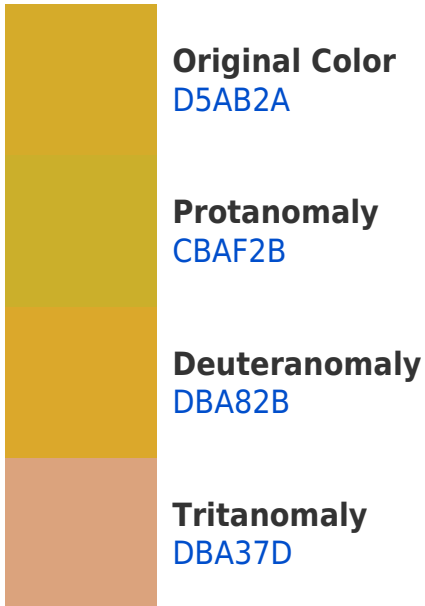
Protanopia
C6B12B

Deuteranopia
DEA72C

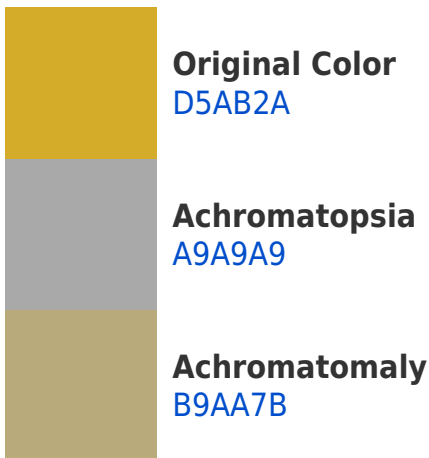


Tritanopia
DE9FAC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D5AB2A 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 #D5AB2A looks like.

```
.text, #text, p{  
    color:#D5AB2A  
}
```

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 #D5AB2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5AB2A
}
```

Border

The CSS property to change the border of an element to Hex D5AB2A 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
#D5AB2A }
```

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

```
.border{ border-color:#D5AB2A }
```

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

Here you see how a box with a 4 pixel #D5AB2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5AB2A; -webkit-box-shadow:4px 4px  
4px 4px #D5AB2A; box-shadow:4px 4px 4px  
4px #D5AB2A }
```

Background

The CSS property to change the background color of an element to Hex D5AB2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5AB2A }
```

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

```
.background{ background-color:#D5AB2A }
```

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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