

Converting Colors

Hex(DBA63D)

Have a look what the booklet for
Hex(DBA63D) contains.

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Color

Hex(DBA63D)

Conversions

Conversions Part 1

Format	Color
Hex	DBA63D
RGB	219, 166, 61
RGB Percent	86%, 65%, 24%
CMY	0.1412, 0.3490, 0.7608
CMYK	0.00, 0.24, 0.72, 0.14
HSL	40°, 69%, 55%
HSV	40°, 72%, 86%
XYZ	43.6919, 42.6694, 10.3481
YIQ	169.8770, 65.2930, -21.4190

Conversions

Conversions Part 2

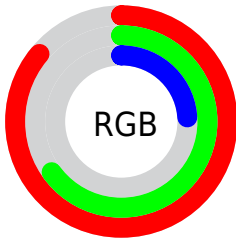
Format	Color
RYB	141, 219, 61
Decimal	14394941
CIELab	71.33, 9.46, 59.30
CIELCh	71, 60.049, 80.934
Yxy	42.6694, 0.4518, 0.4412
Android (android.graphics.Color)	4292585021 (0xFFDBA63D)
YUV	169.8770, -53.6764, 43.0809
Hunter-Lab	65.3218, 5.0804, 36.3327

Details

The Hex color **DBA63D** 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 **3D72DB**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFDD72**, and **A07200** is the 20% darker color. If you saturate the color by 10%, you get **DB9F27**, and if you desaturate by 10%, it is **DBAD53**.

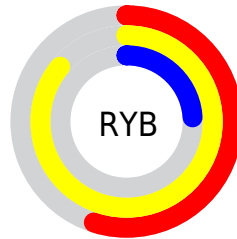
Distribution



Red (86%)

Green (65%)

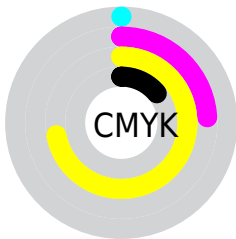
Blue (24%)



Red (55%)

Yellow (86%)

Blue (24%)

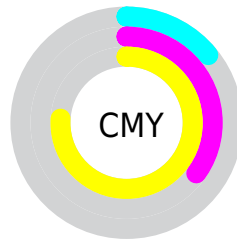


Cyan (0%)

Magenta (24%)

Yellow (72%)

Black (14%)



Cyan (14%)

Magenta (35%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color DBA63D 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 DBA63D by changing the saturation by 10% instead.

 DBA63D

FFFFFF

 FFDD72

 FFF98D

 FFFFA9

 FFFFC5

 FFFFE2

 DBA63D


 BD8C21

 A07200

 835A00

 674300

 4B2D00

 311800

 190000

 000000

 DBA63D

 DBA63D

 DB9F27

 DBAD53

 DB9711

 DBB569

 DB9200

 DBBC7F

 DBC395

 DBCBAB

 DBD2C0

 DBD9D6

 DBE1EC

 DBE8FF

Harmonies

Analogous

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



FF915B



DBA63D



A7B741

Triad

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



DBA63D



00C9D4



E190F4

Complementary

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



DBA63D



3D72DB

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.



94A7FF



DBA63D



00C5FF

Square

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



DBA63D



00C99C



00BAFF



FF80C2

Rectangle

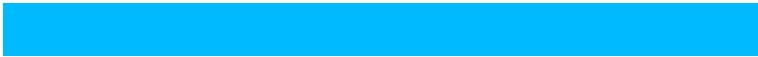
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DBA63D



7EC058



00BAFF



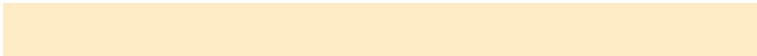
CC98FF

Sweetspot

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



DBA63D



FFECC7



DB3D74



80745E



000000



808080

Same Dimension

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



DBA63D



FFB521



C3DB3D



6E6A63



AD7300



2E1F00

Inverse Universe

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



3D72DB



216CFF



553DDB



63666E



003AAD



000F2E

Previews

White Background



This preview shows how the Hex color DBA63D looks on a white background.

Color Contrast Check

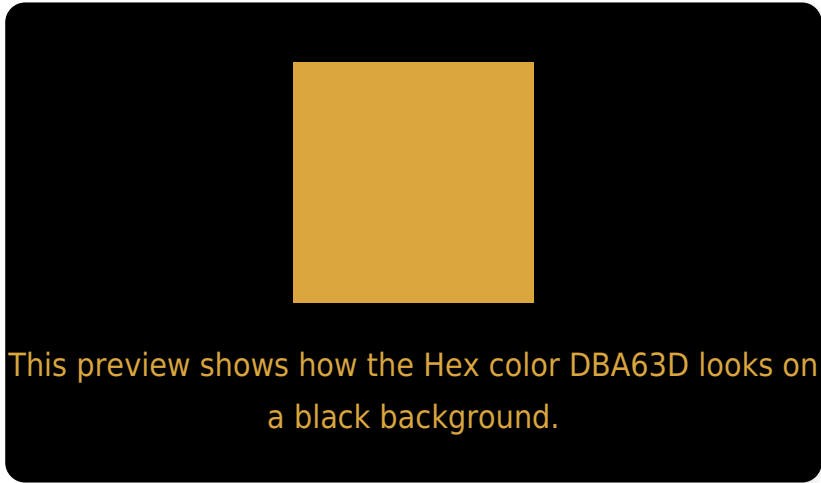
Large Text (above 18pt) WCAG AA × Fail

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 DBA63D Background



This preview shows how black text looks on a background with the Hex color DBA63D.

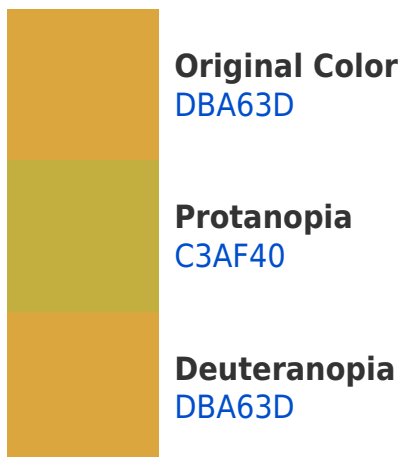


This preview shows how white text looks on a background with the Hex color DBA63D.

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](#).

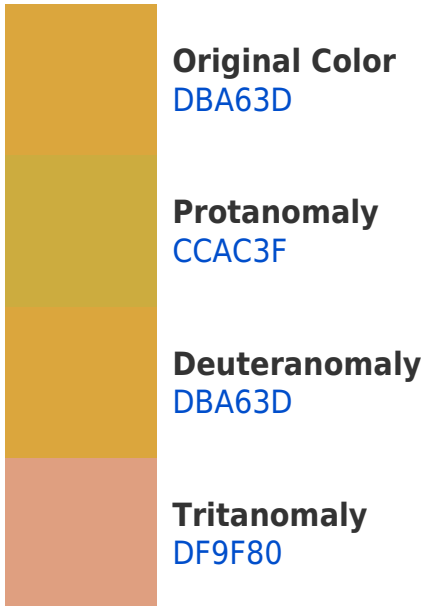
Dichromacy



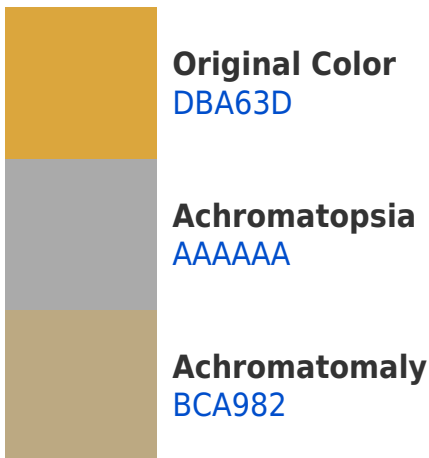


Tritanopia
E29BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DBA63D 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 #DBA63D looks like.

```
.text, #text, p{  
    color:#DBA63D  
}
```

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 #DBA63D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBA63D
}
```

Border

The CSS property to change the border of an element to Hex DBA63D 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
#DBA63D }
```

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

```
.border{ border-color:#DBA63D }
```

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

Here you see how a box with a 4 pixel #DBA63D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBA63D; -webkit-box-shadow:4px 4px  
4px 4px #DBA63D; box-shadow:4px 4px 4px  
4px #DBA63D }
```

Background

The CSS property to change the background color of an element to Hex DBA63D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBA63D }
```

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

```
.background{ background-color:#DBA63D }
```

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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