

Converting Colors

Hex(DBA755)

Have a look what the booklet for
Hex(DBA755) contains.

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Color

Hex(DBA755)

Conversions

Conversions Part 1

Format	Color
Hex	DBA755
RGB	219, 167, 85
RGB Percent	86%, 65%, 33%
CMY	0.1412, 0.3451, 0.6667
CMYK	0.00, 0.24, 0.61, 0.14
HSL	37°, 65%, 60%
HSV	37°, 61%, 86%
XYZ	44.6718, 43.3534, 14.6079
YIQ	173.2000, 57.3140, -14.4780

Conversions

Conversions Part 2

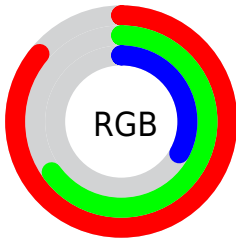
Format	Color
RYB	170, 219, 85
Decimal	14395221
CIELab	71.79, 10.33, 48.98
CIELCh	72, 50.060, 78.097
Yxy	43.3534, 0.4353, 0.4224
Android (android.graphics.Color)	4292585301 (0xFFDBA755)
YUV	173.2000, -43.4826, 40.1666
Hunter-Lab	65.8433, 5.8788, 32.9363

Details

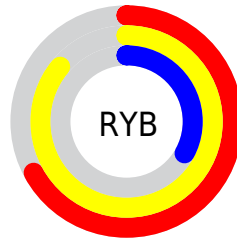
The Hex color **DBA755** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **5589DB**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFDE89**, and **A17322** is the 20% darker color. If you saturate the color by 10%, you get **DB9F3F**, and if you desaturate by 10%, it is **DBAF6B**.

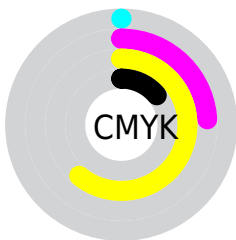
Distribution



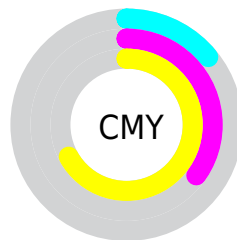
- Red (86%)
- Green (65%)
- Blue (33%)



- Red (67%)
- Yellow (86%)
- Blue (33%)



- Cyan (0%)
- Magenta (24%)
- Yellow (61%)
- Black (14%)



- Cyan (14%)
- Magenta (35%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color DBA755 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 DBA755 by changing the saturation by 10% instead.

 DBA755

 DBA755

FFFFFF

 BE8D3C

 FFDE89

 A17322

 FFFBA4

 845B03

 FFFFFC0

 694300

 FFFFDC

 4D2D00

 FFFFF9

 331900

 1B0000

 000000

 DBA755

 DBA755

 DB9F3F

 DBAF6B

 DB9629

 DBB881

 DB8E13

 DBC097

 DB8600

 DBC9AD

 DBD1C3

 DBDAD8

 DBE2EE

 DBEBFF

 DBF3FF

Harmonies

Analogous

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



FA966E



DBA755



B0B656

Triad

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



DBA755



00C7CB



D699ED

Complementary

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



DBA755



5589DB

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.



96ABFF



DBA755



00C3F3

Square

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



DBA755



2BC69C



23BAFF



FC8CC4

Rectangle

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



DBA755



8FBE65



23BAFF



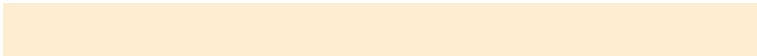
C49FF8

Sweetspot

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



DBA755



FFEDD1



DB558B



807563



000000



808080

Same Dimension

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



DBA755



FFB745



CEDB55



6E6963



AD6A00



2E1C00

Inverse Universe

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



5589DB



458DFF



6255DB



63676E



0043AD



00122E

Previews

White Background



This preview shows how the Hex color DBA755 looks on a white background.

Color Contrast Check

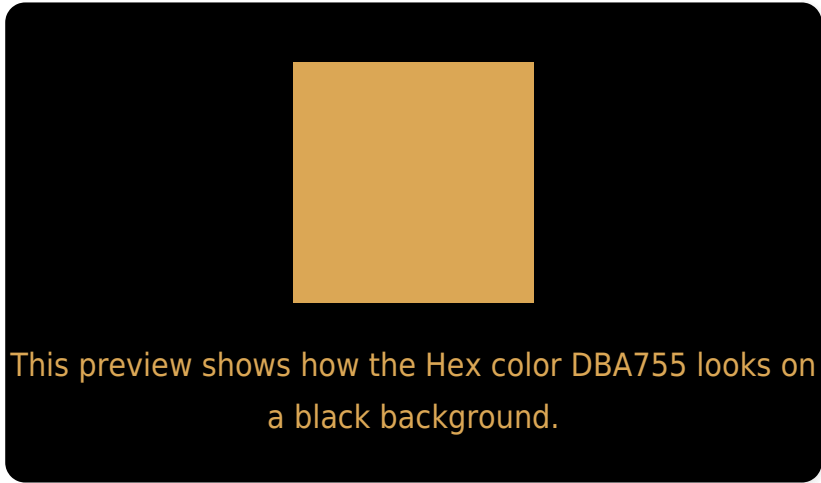
Large Text (above 18pt) WCAG AA × Fail

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 DBA755 Background



This preview shows how black text looks on a background with the Hex color DBA755.



This preview shows how white text looks on a background with the Hex color DBA755.

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

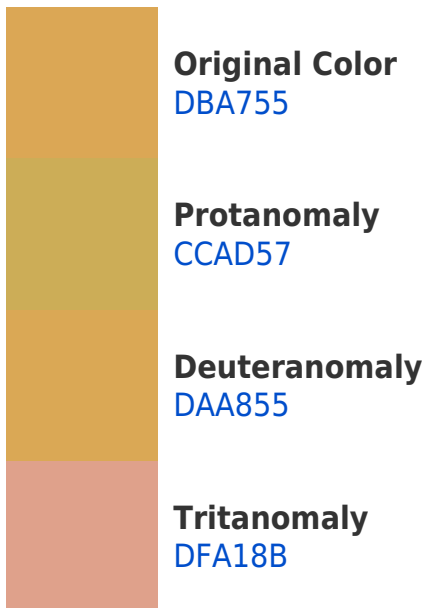


Original Color
DBA755

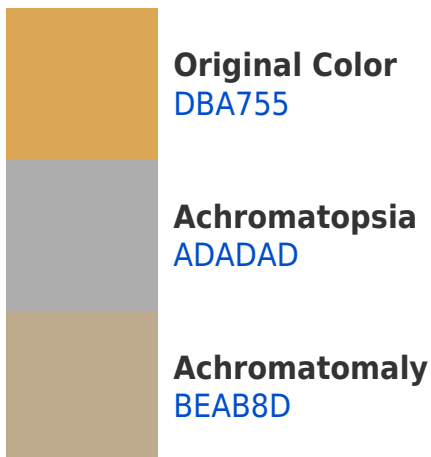
Protanopia
C3B058

Deuteranopia
D9A855

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DBA755 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 #DBA755 looks like.

```
.text, #text, p{  
    color:#DBA755  
}
```

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 #DBA755 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBA755
}
```

Border

The CSS property to change the border of an element to Hex DBA755 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
#DBA755 }
```

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

```
.border{ border-color:#DBA755 }
```

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

Here you see how a box with a 4 pixel #DBA755 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBA755; -webkit-box-shadow:4px 4px  
4px 4px #DBA755; box-shadow:4px 4px 4px  
4px #DBA755 }
```

Background

The CSS property to change the background color of an element to Hex DBA755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBA755 }
```

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

```
.background{ background-color:#DBA755 }
```

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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