

Converting Colors

Hex(DBA63E)

Have a look what the booklet for
Hex(DBA63E) contains.

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Color

Hex(DBA63E)

Conversions

Conversions Part 1

Format	Color
Hex	DBA63E
RGB	219, 166, 62
RGB Percent	86%, 65%, 24%
CMY	0.1412, 0.3490, 0.7569
CMYK	0.00, 0.24, 0.72, 0.14
HSL	40°, 69%, 55%
HSV	40°, 72%, 86%
XYZ	43.7191, 42.6803, 10.4913
YIQ	169.9910, 64.9720, -21.1080

Conversions

Conversions Part 2

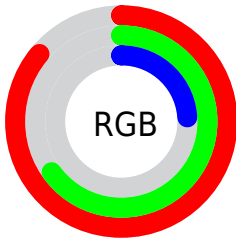
Format	Color
RYB	142, 219, 62
Decimal	14394942
CIELab	71.34, 9.51, 58.89
CIELCh	71, 59.655, 80.827
Yxy	42.6803, 0.4512, 0.4405
Android (android.graphics.Color)	4292585022 (0xFFDBA63E)
YUV	169.9910, -53.2396, 42.9809
Hunter-Lab	65.3302, 5.1249, 36.2098

Details

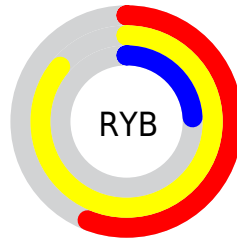
The Hex color **DBA63E** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3E73DB**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFDD73**, and **A07200** is the 20% darker color. If you saturate the color by 10%, you get **DB9F28**, and if you desaturate by 10%, it is **DBAD54**.

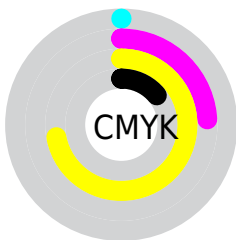
Distribution



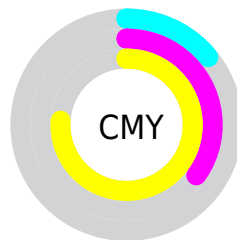
- Red (86%)
- Green (65%)
- Blue (24%)



- Red (56%)
- 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 DBA63E 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 DBA63E by changing the saturation by 10% instead.

 DBA63E

 DBA63E

FFFFFF

 BD8C22

 FFDD73

 A07200

 FFF98E

 835A00

 FFFFFA

 674300

 FFFFC6

 4B2D00

 FFFFFE3

 311800

 190000

 000000

 DBA63E

 DBA63E

 DB9F28

 DBAD54

 DB9712

 DBB56A

 DB9100

 DBBC80

 DBC496

 DBCBAC

 DBD2C1

 DBDAD7

 DBE1ED

 DBE9FF

Harmonies

Analogous

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



FF915C



DBA63E



A8B742

Triad

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



DBA63E



00C9D4



E191F4

Complementary

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



DBA63E



3E73DB

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



DBA63E



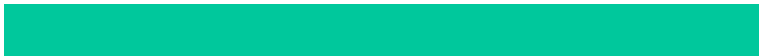
00C5FF

Square

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



DBA63E



00C89C



00BAFF



FF80C2

Rectangle

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



DBA63E



7FC058



00BAFF



CC98FF

Sweetspot

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



DBA63E



FFECC7



DB3E75



80745E



000000



808080

Same Dimension

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



DBA63E



FFB524



C3DB3E



6E6A63



AD7300



2E1E00

Inverse Universe

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



3E73DB



246EFF



563EDB



63666E



003BAD



000F2E

Previews

White Background



This preview shows how the Hex color DBA63E looks on a white background.

Color Contrast Check

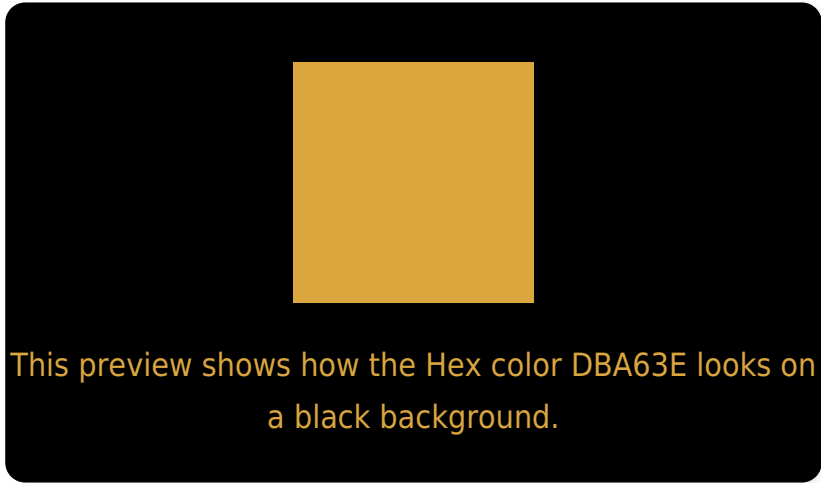
Large Text (above 18pt) WCAG AA × Fail

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 DBA63E Background



This preview shows how black text looks on a background with the Hex color DBA63E.

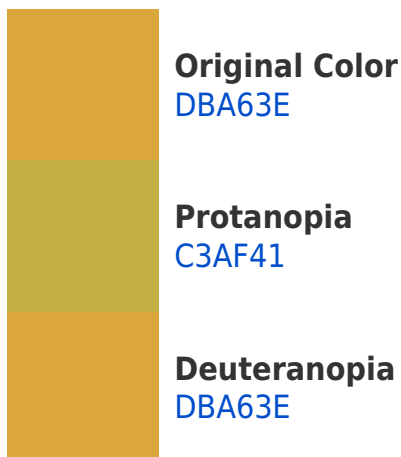


This preview shows how white text looks on a background with the Hex color DBA63E.

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](#).

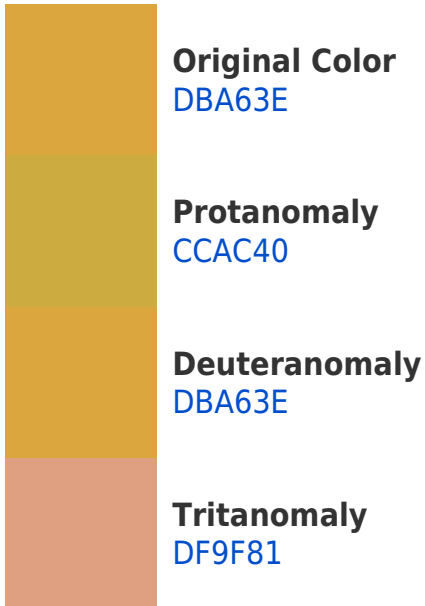
Dichromacy



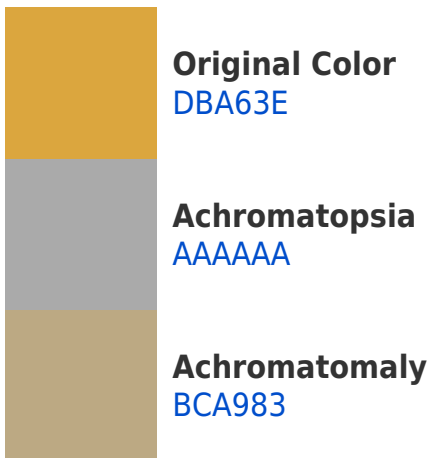


Tritanopia
E29BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DBA63E 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 #DBA63E looks like.

```
.text, #text, p{  
    color:#DBA63E  
}
```

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 #DBA63E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBA63E
}
```

Border

The CSS property to change the border of an element to Hex DBA63E 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
#DBA63E }
```

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

```
.border{ border-color:#DBA63E }
```

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

Here you see how a box with a 4 pixel #DBA63E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBA63E; -webkit-box-shadow:4px 4px  
4px 4px #DBA63E; box-shadow:4px 4px 4px  
4px #DBA63E }
```

Background

The CSS property to change the background color of an element to Hex DBA63E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBA63E }
```

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

```
.background{ background-color:#DBA63E }
```

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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