

Converting Colors

Hex(DBA71E)

Have a look what the booklet for
Hex(DBA71E) contains.

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Color

Hex(DBA71E)

Conversions

Conversions Part 1

Format	Color
Hex	DBA71E
RGB	219, 167, 30
RGB Percent	86%, 65%, 12%
CMY	0.1412, 0.3451, 0.8824
CMYK	0.00, 0.24, 0.86, 0.14
HSL	43°, 76%, 49%
HSV	43°, 86%, 86%
XYZ	43.2665, 42.7912, 7.2074
YIQ	166.9300, 74.9690, -31.5830

Conversions

Conversions Part 2

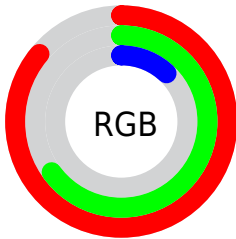
Format	Color
RYB	102, 219, 30
Decimal	14395166
CIELab	71.41, 7.85, 69.81
CIELCh	71, 70.248, 83.586
Yxy	42.7912, 0.4639, 0.4588
Android (android.graphics.Color)	4292585246 (0xFFDBA71E)
YUV	166.9300, -67.5065, 45.6654
Hunter-Lab	65.4150, 3.5863, 39.2579

Details

The Hex color **DBA71E** 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 **1E52DB**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFDE5A**, and **9F7300** is the 20% darker color. If you saturate the color by 10%, you get **DBA108**, and if you desaturate by 10%, it is **DBAD34**.

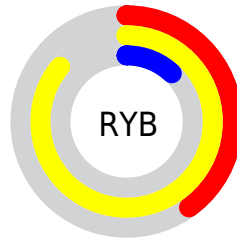
Distribution



Red (86%)

Green (65%)

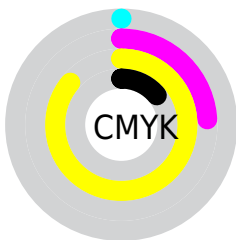
Blue (12%)



Red (40%)

Yellow (86%)

Blue (12%)

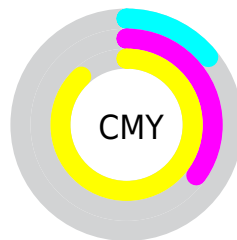


Cyan (0%)

Magenta (24%)

Yellow (86%)

Black (14%)



Cyan (14%)

Magenta (35%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color DBA71E 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 DBA71E by changing the saturation by 10% instead.

 DBA71E

 DBA71E

FFFFFF

 BD8D00

 FFDE5A

 9F7300

 FFFA76

 825B00

 FFFF92

 654400

 FFFFFAE

 4A2E00

 FFFFFCB

 301900

 FFFFFE8

 170000

 000000

 DBA71E

 DBA71E

 DBA108

 DBAD34

 DB9F00

 DBB34A

 DBB960

 DBBF76

 DBC58B

 DBCBA1

 DBD1B7

 DBD7CD

 DBDDE3

Harmonies

Analogous

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



FF8D48



DBA71E



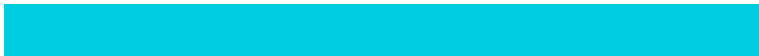
9EBB2A

Triad

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



DBA71E



00CDE0



EF87FC

Complementary

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



DBA71E



1E52DB

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.



95A4FF



DBA71E



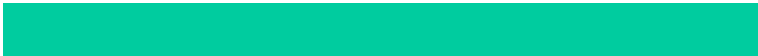
00C8FF

Square

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



DBA71E



00CC9F



00BAFF



FF72BF

Rectangle

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



DBA71E



6BC34B



00BAFF



D791FF

Sweetspot

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



DBA71E



FFEDBD



DB1E54



807558



000000



808080

Same Dimension

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



DBA71E



FFB900



B2DB1E



6E6B63



AD7E00



2E2100

Inverse Universe

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



1E52DB



0046FF



471EDB



63666E



0030AD



000D2E

Previews

White Background



This preview shows how the Hex color DBA71E looks on a white background.

Color Contrast Check

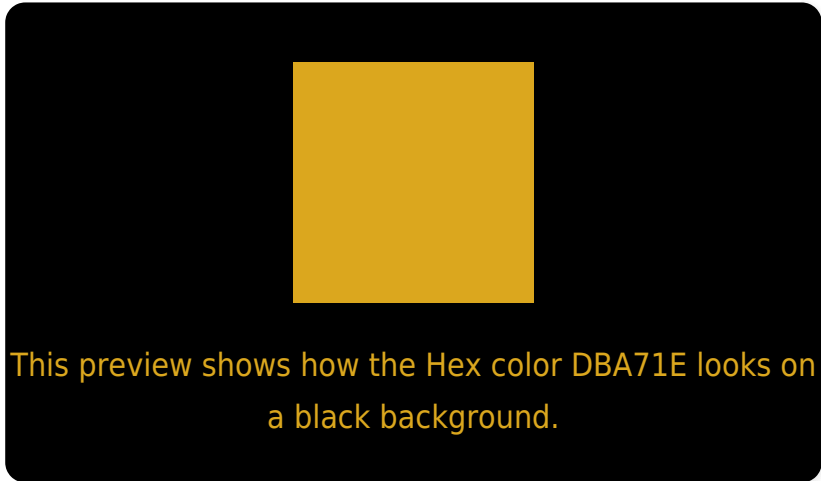
Large Text (above 18pt) WCAG AA × Fail

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 DBA71E Background



This preview shows how black text looks on a background with the Hex color DBA71E.



This preview shows how white text looks on a background with the Hex color DBA71E.

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
DBA71E

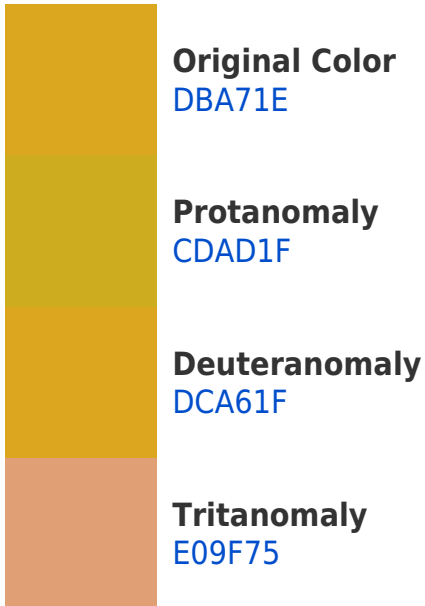
Protanopia
C5B020

Deuteranopia
DDA61F



Tritanopia
E39BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DBA71E 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 #DBA71E looks like.

```
.text, #text, p{  
    color:#DBA71E  
}
```

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 #DBA71E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBA71E
}
```

Border

The CSS property to change the border of an element to Hex DBA71E 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
#DBA71E }
```

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

```
.border{ border-color:#DBA71E }
```

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

Here you see how a box with a 4 pixel #DBA71E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBA71E; -webkit-box-shadow:4px 4px  
4px 4px #DBA71E; box-shadow:4px 4px 4px  
4px #DBA71E }
```

Background

The CSS property to change the background color of an element to Hex DBA71E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBA71E }
```

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

```
.background{ background-color:#DBA71E }
```

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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