

Converting Colors

Hex(DB9934)

Have a look what the booklet for
Hex(DB9934) contains.

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Color

Hex(DB9934)

Conversions

Conversions Part 1

Format	Color
Hex	DB9934
RGB	219, 153, 52
RGB Percent	86%, 60%, 20%
CMY	0.1412, 0.4000, 0.7961
CMYK	0.00, 0.30, 0.76, 0.14
HSL	36°, 70%, 53%
HSV	36°, 76%, 86%
XYZ	41.2245, 38.0905, 8.4282
YIQ	161.2200, 71.7570, -17.4190

Conversions

Conversions Part 2

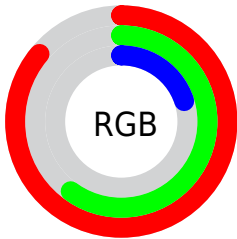
Format	Color
RYB	161, 219, 52
Decimal	14391604
CIELab	68.09, 16.03, 59.74
CIELCh	68, 61.857, 74.976
Yxy	38.0905, 0.4698, 0.4341
Android (android.graphics.Color)	4292581684 (0xFFDB9934)
YUV	161.2200, -53.8455, 50.6731
Hunter-Lab	61.7175, 11.2243, 35.1055

Details

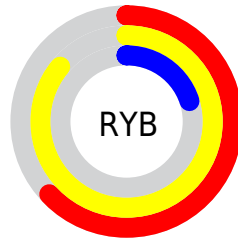
The Hex color **DB9934** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3476DB**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFCF69**, and **9F6600** is the 20% darker color. If you saturate the color by 10%, you get **DB901E**, and if you desaturate by 10%, it is **DBA24A**.

Distribution



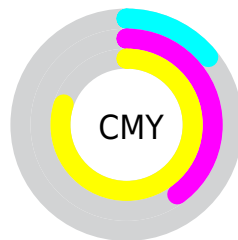
- Red (86%)
- Green (60%)
- Blue (20%)



- Red (63%)
- Yellow (86%)
- Blue (20%)



- Cyan (0%)
- Magenta (30%)
- Yellow (76%)
- Black (14%)



- Cyan (14%)
- Magenta (40%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB9934 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 DB9934 by changing the saturation by 10% instead.

 DB9934

 DB9934

FFFFFF

 BD7F16

 FFCF69

 9F6600

 FFE884

 824E00

 FFFF9F

 653700

 FFFFBB

 4A2200

 FFFFD8

 2F0D00

 FFFFF5

 120000

 000000

 DB9934

 DB9934

 DB901E

 DBA24A

 DB8808

 DBAA60

 DB8400

 DBB376

 DBBC8C

 DBC4A2

 DBCDB7

 DBD6CD

 DBDEE3

 DBE7F9

Harmonies

Analogous

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



FE8359



DB9934



A9AC2F

Triad

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



DB9934



00C1C1



CD8BF6

Complementary

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



DB9934



3476DB

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.



72A2FF



DB9934



00BEF4

Square

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



DB9934



00BF87



00B4FF



FD77C4

Rectangle

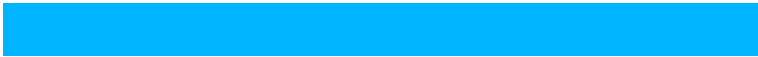
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DB9934



81B544



00B4FF



B493FF

Sweetspot

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



DB9934



FFE8C4



DB3477



80715C



000000



808080

Same Dimension

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



DB9934



FFA214



CADB34



6E6963



AD6900



2E1C00

Inverse Universe

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



3476DB



1471FF



4534DB



63676E



0045AD



00122E

Previews

White Background



This preview shows how the Hex color DB9934 looks on a white background.

Color Contrast Check

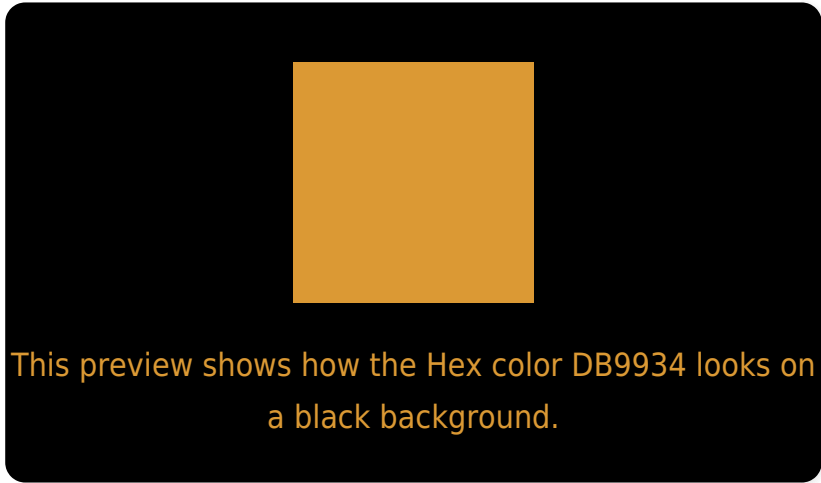
Large Text (above 18pt) WCAG AA × Fail

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 DB9934 Background



This preview shows how black text looks on a background with the Hex color DB9934.



This preview shows how white text looks on a background with the Hex color DB9934.

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
DB9934

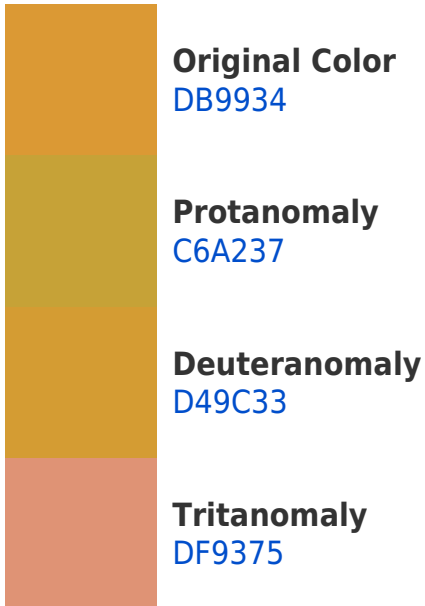
Protanopia
BAA738

Deuteranopia
D09E32

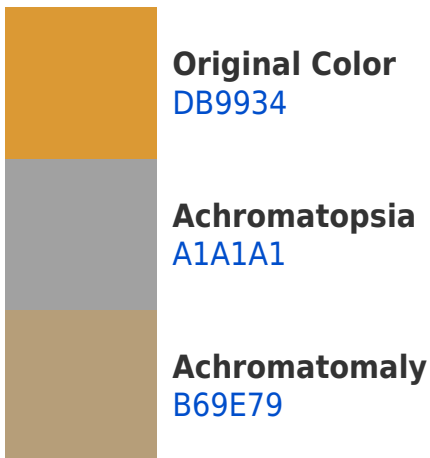


Tritanopia
E18F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DB9934 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 #DB9934 looks like.

```
.text, #text, p{  
    color:#DB9934  
}
```

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 #DB9934 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB9934
}
```

Border

The CSS property to change the border of an element to Hex DB9934 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
#DB9934 }
```

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

```
.border{ border-color:#DB9934 }
```

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

Here you see how a box with a 4 pixel #DB9934 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB9934; -webkit-box-shadow:4px 4px  
4px 4px #DB9934; box-shadow:4px 4px 4px  
4px #DB9934 }
```

Background

The CSS property to change the background color of an element to Hex DB9934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB9934 }
```

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

```
.background{ background-color:#DB9934 }
```

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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