

Converting Colors

Hex(DB8950)

Have a look what the booklet for
Hex(DB8950) contains.

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Color

Hex(DB8950)

Conversions

Conversions Part 1

Format	Color
Hex	DB8950
RGB	219, 137, 80
RGB Percent	86%, 54%, 31%
CMY	0.1412, 0.4627, 0.6863
CMYK	0.00, 0.37, 0.63, 0.14
HSL	25°, 66%, 59%
HSV	25°, 63%, 86%
XYZ	39.6070, 33.5306, 11.9739
YIQ	155.0200, 67.1690, -0.3430

Conversions

Conversions Part 2

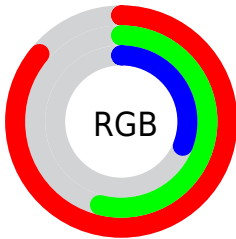
Format	Color
RYB	219, 177, 80
Decimal	14387536
CIELab	64.59, 26.10, 43.13
CIElCh	65, 50.409, 58.817
Yxy	33.5306, 0.4654, 0.3940
Android (android.graphics.Color)	4292577616 (0xFFDB8950)
YUV	155.0200, -36.9849, 56.1105
Hunter-Lab	57.9056, 20.7580, 28.2737

Details

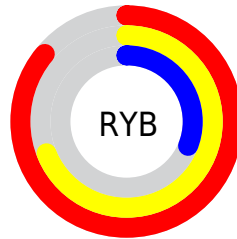
The Hex color **DB8950** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **50A2DB**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFBF83**, and **A05620** is the 20% darker color. If you saturate the color by 10%, you get **DB7C3A**, and if you desaturate by 10%, it is **DB9666**.

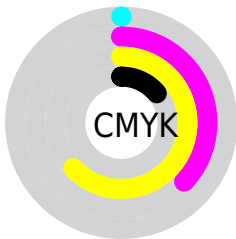
Distribution



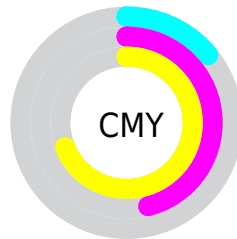
- Red (86%)
- Green (54%)
- Blue (31%)



- Red (86%)
- Yellow (69%)
- Blue (31%)



- Cyan (0%)
- Magenta (37%)
- Yellow (63%)
- Black (14%)



- Cyan (14%)
- Magenta (46%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB8950 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 DB8950 by changing the saturation by 10% instead.

 DB8950

 DB8950

FFFFFF

 BD6F38

 FFBF83

 A05620

 FFDB9D

 833E05

 FFF7B9

 672700

 FFFFD5

 4A1000

 FFFFF1

 300000

 070000

 000000

 DB8950

 DB8950

 DB7C3A

 DB9666

 DB6F24

 DBA37C

 DB620E

 DBB092

 DB5A00

 DBBDA8

 DBCABD

 DBD7D3

 DBE3E9

 DBF0FF

 DBFDFF

Harmonies

Analogous

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



EF7A74



DB8950



B89A3F

Triad

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



DB8950



00B399



9C92EC

Complementary

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



DB8950



50A2DB

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.



3EA2F6



DB8950



00B3C7

Square

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



DB8950



50AF6C



00ADE9



D280CC

Rectangle

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



DB8950



9BA343



00ADE9



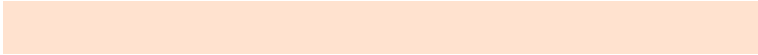
8397F2

Sweetspot

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



DB8950



FFE2CF



DB50A3



806E62



000000



808080

Same Dimension

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



DB8950



FF8D3D



DBCD50



6E6763



AD4700



2E1300

Inverse Universe

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



50A2DB



3DB0FF



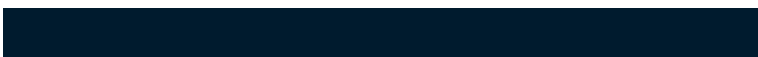
505EDB



63696E



0066AD



001B2E

Previews

White Background



This preview shows how the Hex color DB8950 looks on a white background.

Color Contrast Check

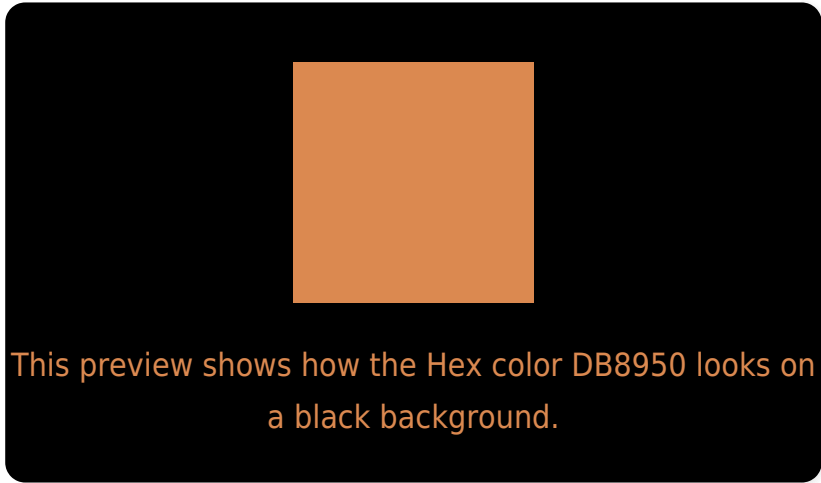
Large Text (above 18pt) WCAG AA × Fail

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

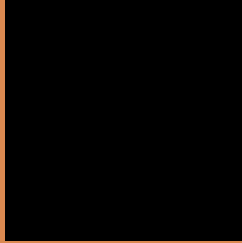
Any Text WCAG AA ✓ Pass

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 DB8950 Background



This preview shows how black text looks on a background with the Hex color DB8950.

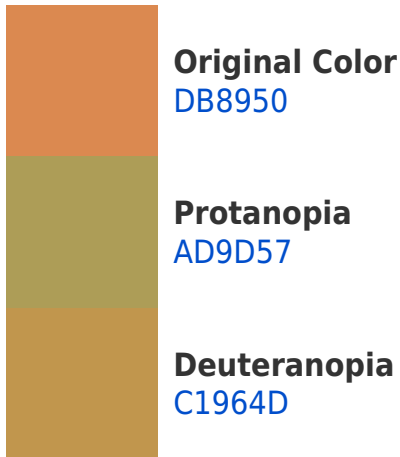



This preview shows how white text looks on a background with the Hex color DB8950.

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](#).

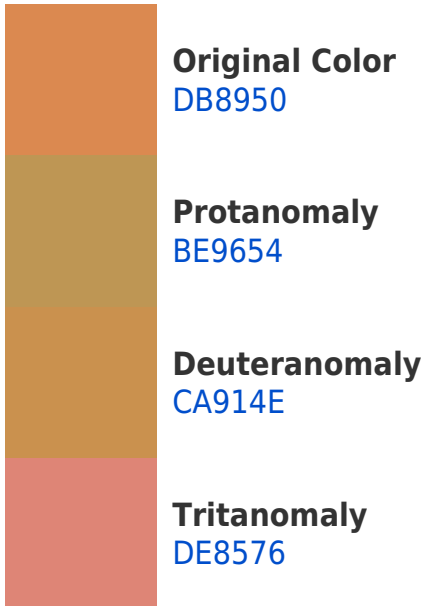
Dichromacy



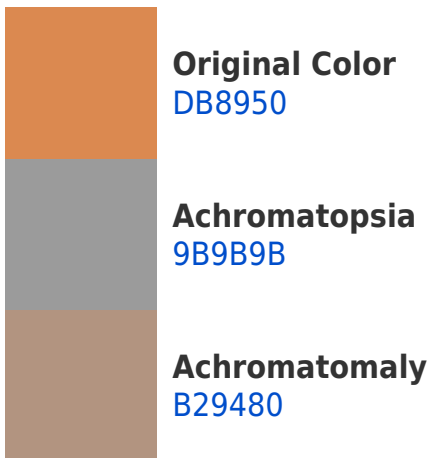


Tritanopia
DF828C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DB8950 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 #DB8950 looks like.

```
.text, #text, p{  
    color:#DB8950  
}
```

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 #DB8950 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB8950
}
```

Border

The CSS property to change the border of an element to Hex DB8950 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
#DB8950 }
```

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

```
.border{ border-color:#DB8950 }
```

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

Here you see how a box with a 4 pixel #DB8950 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB8950; -webkit-box-shadow:4px 4px  
4px 4px #DB8950; box-shadow:4px 4px 4px  
4px #DB8950 }
```

Background

The CSS property to change the background color of an element to Hex DB8950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB8950 }
```

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

```
.background{ background-color:#DB8950 }
```

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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