

# Converting Colors

Hex(DB8257)

Have a look what the booklet for  
Hex(DB8257) contains.

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**Color**

**Hex(DB8257)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DB8257
RGB	219, 130, 87
RGB Percent	86%, 51%, 34%
CMY	0.1412, 0.4902, 0.6588
CMYK	0.00, 0.41, 0.60, 0.14
HSL	20°, 65%, 60%
HSV	20°, 60%, 86%
XYZ	38.9163, 31.7135, 13.0870
YIQ	151.7090, 66.8470, 5.4950

# Conversions

## Conversions Part 2

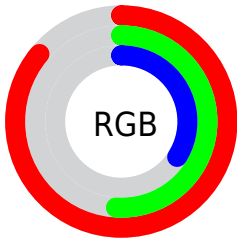
Format	Color
R <sub>Y</sub> B	219, 151, 87
Decimal	14385751
CIE Lab	63.11, 30.31, 37.69
CIE LCh	63, 48.362, 51.193
Yxy	31.7135, 0.4649, 0.3788
Android (android.graphics.Color)	4292575831 (0xFFDB8257)
YUV	151.7090, -31.9015, 59.0142
Hunter-Lab	56.3147, 24.8019, 25.6418

# Details

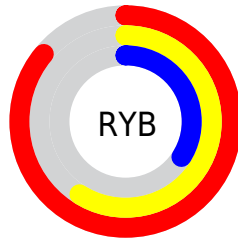
The Hex color **DB8257** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **57B0DB**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFB88A**, and **A04F28** is the 20% darker color. If you saturate the color by 10%, you get **DB7341**, and if you desaturate by 10%, it is **DB916D**.

# Distribution



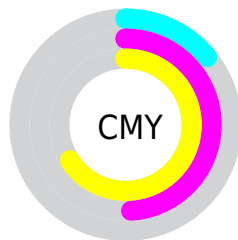
- Red (86%)
- Green (51%)
- Blue (34%)



- Red (86%)
- Yellow (59%)
- Blue (34%)



- Cyan (0%)
- Magenta (41%)
- Yellow (60%)
- Black (14%)



- Cyan (14%)
- Magenta (49%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DB8257 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 DB8257 by changing the saturation by 10% instead.



 DB8257

 DB8257

FFFFFF

 BD683F

 FFB88A

 A04F28

 FFD4A4

 833711

 FFF0C0

 661F00

 FFFFFDC

 4A0600

 FFFFFF8

 300000

 020000

 000000

 DB8257

 DB8257

 DB7341

 DB916D

 DB642B

 DBA083

 DB5615

 DBAE99

 DB4700

 DBBDAF

 DBCCC4

 DBDBDA

 DBE9F0

 DBF8FF

 DBFFFF

# Harmonies

## Analogous

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



E9767C



DB8257



BD9241

# Triad

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



DB8257



00AE8A



8792E9

# Complementary

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



DB8257



57B0DB

# 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.



0AA1ED



DB8257



00AEB6

# Square

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



DB8257



61A961



00AADB



C181CF

# Rectangle

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



DB8257



A29C40



00AADB



6C98ED

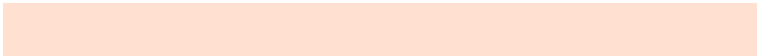


# Sweetspot

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



DB8257



FFE0D1



DB57B1



806D63



000000



808080



# Same Dimension

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



DB8257



FF8347



DBC357



6E6663



AD3800



2E0F00



# Inverse Universe

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



57B0DB



47C3FF



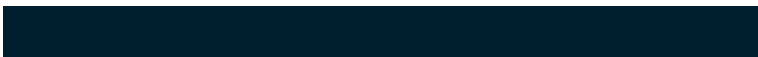
576FDB



636A6E



0075AD



001F2E



# Previews

## White Background



This preview shows how the Hex color DB8257 looks on a white background.

## Color Contrast Check

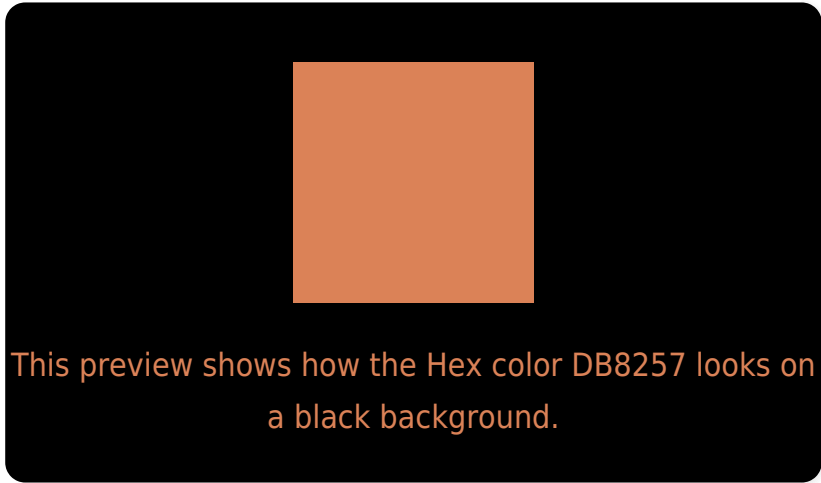
Large Text (above 18pt) WCAG AA × Fail

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

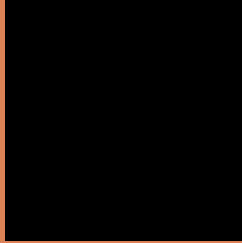
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DB8257 Background



This preview shows how black text looks on a background with the Hex color DB8257.



This preview shows how white text looks on a background with the Hex color DB8257.

# 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**  
DE7C85

# Trichromacy



**Original Color**  
DB8257

**Protanomaly**  
BA915D

**Deuteranomaly**  
C78C55

**Tritanomaly**  
DD7E74

# Monochromacy



**Original Color**  
DB8257

**Achromatopsia**  
989898

**Achromatomaly**  
B09080

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DB8257 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 #DB8257 looks like.

```
.text, #text, p{  
    color:#DB8257  
}
```

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 #DB8257 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB8257
}
```

## Border

The CSS property to change the border of an element to Hex DB8257 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
#DB8257 }
```

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

```
.border{ border-color:#DB8257 }
```

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

Here you see how a box with a 4 pixel #DB8257 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB8257; -webkit-box-shadow:4px 4px  
4px 4px #DB8257; box-shadow:4px 4px 4px  
4px #DB8257 }
```

# Background

The CSS property to change the background color of an element to Hex DB8257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB8257 }
```

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

```
.background{ background-color:#DB8257 }
```

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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