

# Converting Colors

Hex(DB584B)

Have a look what the booklet for  
Hex(DB584B) contains.

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**Color**

**Hex(DB584B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DB584B
RGB	219, 88, 75
RGB Percent	86%, 35%, 29%
CMY	0.1412, 0.6549, 0.7059
CMYK	0.00, 0.60, 0.66, 0.14
HSL	5°, 67%, 58%
HSV	5°, 66%, 86%
XYZ	33.9731, 22.5475, 9.2181
YIQ	125.6870, 82.2490, 23.7290

# Conversions

## Conversions Part 2

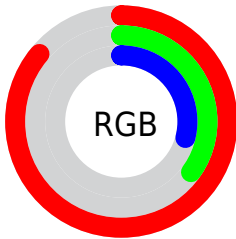
Format	Color
<b>R<sub>YB</sub></b>	219, 89, 75
Decimal	14374987
CIE Lab	54.60, 50.52, 33.91
CIE LCh	55, 60.844, 33.871
Yxy	22.5475, 0.5168, 0.3430
Android (android.graphics.Color)	4292565067 (0xFFDB584B)
YUV	125.6870, -24.9887, 81.8355
Hunter-Lab	47.4842, 44.6125, 21.7290

# Details

The Hex color **DB584B** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **4BCEDB**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF8E7C**, and **9E1F1E** is the 20% darker color. If you saturate the color by 10%, you get **DB4435**, and if you desaturate by 10%, it is **DB6C61**.

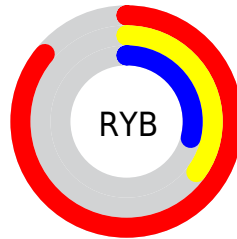
# Distribution



Red (86%)

Green (35%)

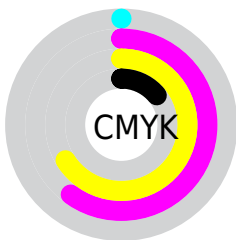
Blue (29%)



Red (86%)

Yellow (35%)

Blue (29%)

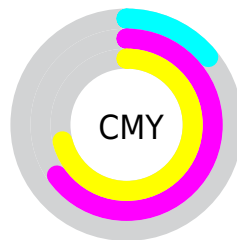


Cyan (0%)

Magenta (60%)

Yellow (66%)

Black (14%)



Cyan (14%)

Magenta (65%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DB584B 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 DB584B by changing the saturation by 10% instead.



 DB584B

 DB584B

FFFFFF

 BC3D34

 FF8E7C

 9E1F1E

 FFAA96

 7F0008

 FFC6B1

 620000

 FFE3CD

 450000

 FFFF E9

 280001

 000000

 DB584B

 DB584B

 DB4435

 DB6C61

 DB301F

 DB8077

 DB1C09

 DB948D

 DB1400

 DBA8A3

 DBBCB8

 DBD0CE

 DBE3E4

 DBF7FA

 DBFFFF

# Harmonies

## Analogous

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



DF4D7E



DB584B



C06E1E

# Triad

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



DB584B



009852



0087EC

# Complementary

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



DB584B



4BCEDB

# 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.



0094E1



DB584B



009B88

# Square

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



DB584B



609020



009ABC



8B72DB

# Rectangle

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



DB584B



A57C00



009ABC



008CEC



# Sweetspot

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



DB584B



FFD1CC



DB4BCF



806461



000000



808080



# Same Dimension

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



DB584B



FF4836



DB9F4B



6E6463



AD1000



2E0400

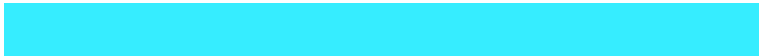


# Inverse Universe

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



4BCEDB



36EDFF



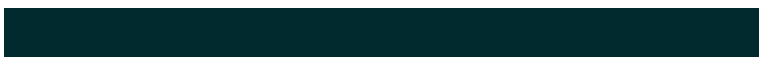
4B87DB



636D6E



009EAD

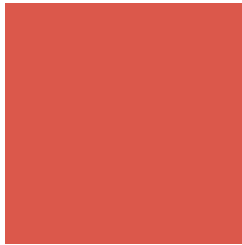


002A2E



# Previews

## White Background



This preview shows how the Hex color DB584B looks on a white background.

## Color Contrast Check

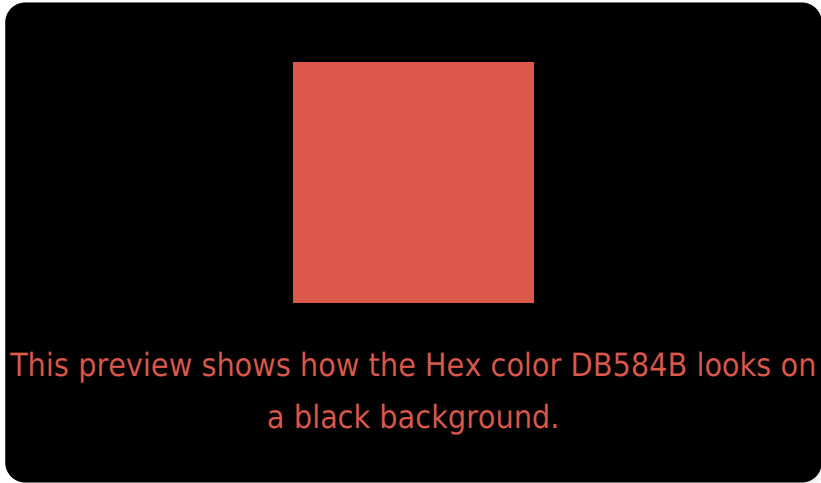
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex DB584B Background



This preview shows how black text looks on a background with the Hex color DB584B.

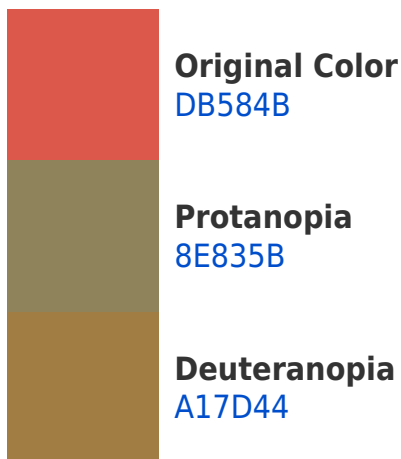


This preview shows how white text looks on a background with the Hex color DB584B.

# Color Blindness Simulation

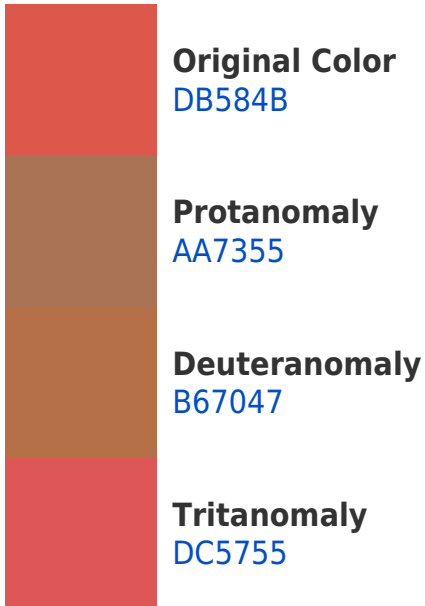
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

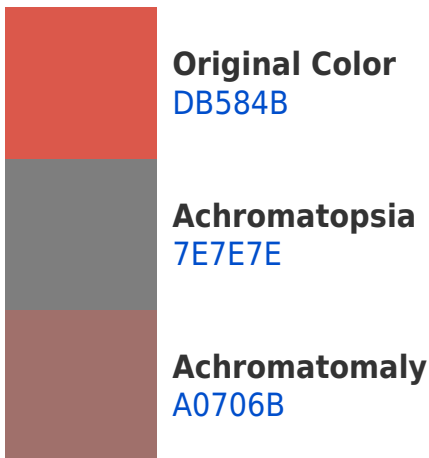




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DB584B 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 #DB584B looks like.

```
.text, #text, p{  
    color:#DB584B  
}
```

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 #DB584B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB584B
}
```

## Border

The CSS property to change the border of an element to Hex DB584B is called "border". The border property can be set on classes, ids or directly on the HTML element.

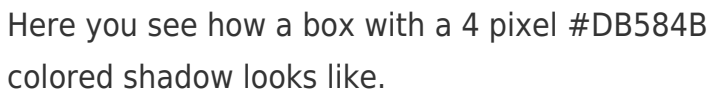
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DB584B }
```

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

```
.border{ border-color:#DB584B }
```

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



Here you see how a box with a 4 pixel #DB584B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB584B; -webkit-box-shadow:4px 4px  
4px 4px #DB584B; box-shadow:4px 4px 4px  
4px #DB584B }
```

# Background

The CSS property to change the background color of an element to Hex DB584B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB584B }
```

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

```
.background{ background-color:#DB584B }
```

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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