

# Converting Colors

Hex(DBDBDB)

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

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# **Color**

**Hex(DBDBDB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DBDBDB
RGB	219, 219, 219
RGB Percent	86%, 86%, 86%
CMY	0.1412, 0.1412, 0.1412
CMYK	0.00, 0.00, 0.00, 0.14
HSL	0°, 0%, 86%
HSV	0°, 0%, 86%
XYZ	67.3311, 70.8376, 77.1421
YIQ	219.0000, 0.0000, -0.0000

# Conversions

## Conversions Part 2

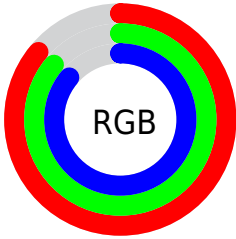
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	219, 219, 219
Decimal	14408667
CIE Lab	87.41, 0.00, -0.01
CIE LCh	87, 0.010, 296.813
Yxy	70.8376, 0.3127, 0.3290
Android (android.graphics.Color)	4292598747 (0xFFDBDBDB)
YUV	219.0000, 0.0000, 0.0000
Hunter-Lab	84.1651, -4.4908, 4.5728

# Details

The Hex color **DBDBDB** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **DBDBDB**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FFFFFF**, and **A4A4A4** is the 20% darker color. If you saturate the color by 10%, you get **DBC5C5**, and if you desaturate by 10%, it is **DBF1F1**.

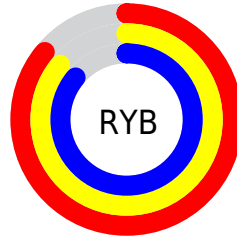
# Distribution



Red (86%)

Green (86%)

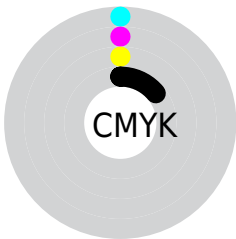
Blue (86%)



Red (86%)

Yellow (86%)

Blue (86%)



Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (14%)



Cyan (14%)

Magenta (14%)

Yellow (14%)

# Brightness & Saturation Gradients

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



■ DBDBDB

FFFFFF

■ DBDBDB

■ BFBFBF

■ A4A4A4

■ 8A8A8A

■ 707070

■ 585858

■ 414141

■ 2B2B2B

■ 161616

■ 000000

 DBDBDB

 DBDBDB

 DBC5C5

 DBF1F1

 DBAFAF

 DBFFFF

 DB9999

 DB8383

 DB6E6E

 DB5858

 DB4242

 DB2C2C

 DB1616

# Harmonies

# Sweetspot

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



DBDBDB

FFFFFF



808080



000000

# Same Dimension

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



DBDBDB

FFFFFF



6E6E6E



AD0000



2E0000

# Inverse Universe

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



DBDBDB

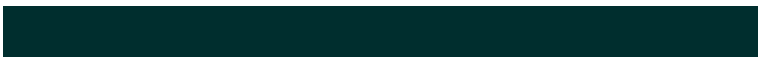
FFFFFF



6E6E6E



00ADAD



002E2E

# Previews

## White Background



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

## Color Contrast Check

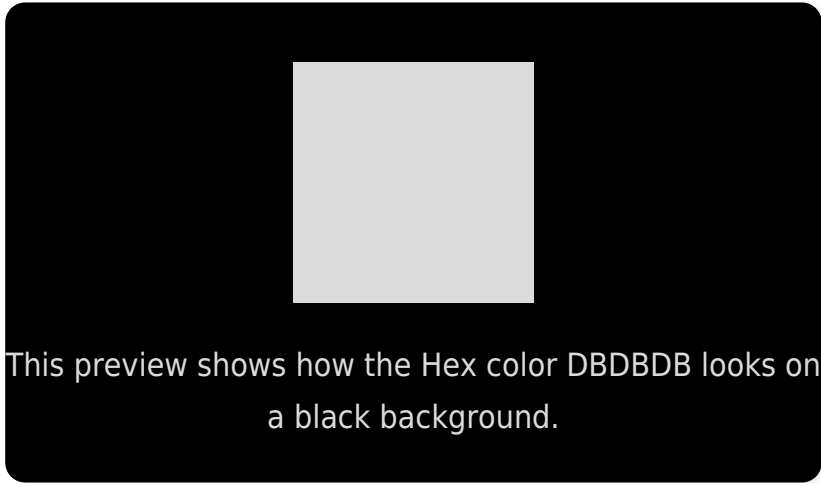
Large Text (above 18pt) WCAG AA × Fail

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

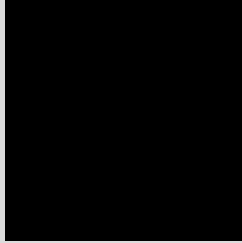
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

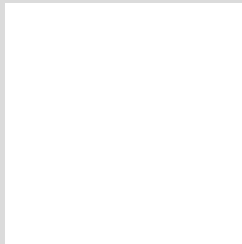
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DBDBDB Background



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

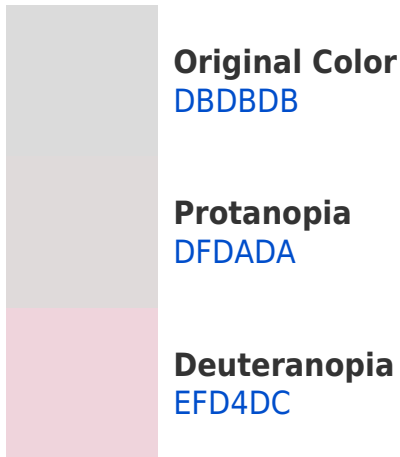


This preview shows how white text looks on a background with the Hex color DBDBDB.

# 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](#).

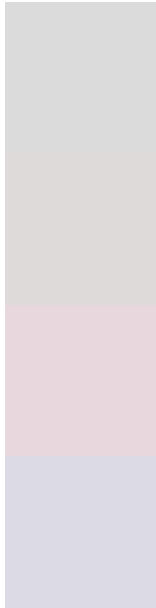
## Dichromacy





**Tritanopia**  
DDD9EA

# Trichromacy



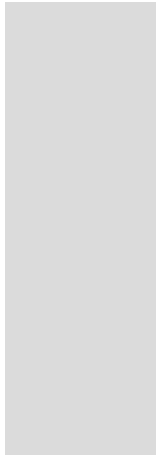
**Original Color**  
DBDBDB

**Protanomaly**  
DEDADA

**Deuteranomaly**  
E8D7DC

**Tritanomaly**  
DCDAE5

# Monochromacy



**Original Color**  
DBDBDB

**Achromatopsia**  
DBDBDB

**Achromatomaly**  
DBDBDB

# CSS Examples

## Text

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

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

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 #DBDBDB colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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