

# Converting Colors

Hex(DB5768)

Have a look what the booklet for  
Hex(DB5768) contains.

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**Color**

**Hex(DB5768)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DB5768
RGB	219, 87, 104
RGB Percent	86%, 34%, 41%
CMY	0.1412, 0.6588, 0.5922
CMYK	0.00, 0.60, 0.53, 0.14
HSL	352°, 65%, 60%
HSV	352°, 60%, 86%
XYZ	35.1203, 22.8759, 15.6612
YIQ	128.4060, 73.2150, 33.2710

# Conversions

## Conversions Part 2

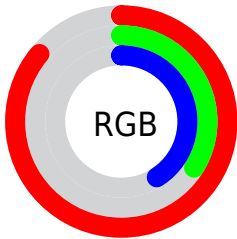
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	219, 87, 104
Decimal	14374760
CIE <sub>Lab</sub>	54.94, 53.00, 17.53
CIE <sub>LCh</sub>	55, 55.821, 18.301
Yxy	22.8759, 0.4768, 0.3106
Android (android.graphics.Color)	4292564840 (0xFFDB5768)
YUV	128.4060, -12.0322, 79.4509
Hunter-Lab	47.8288, 47.3707, 14.0661

# Details

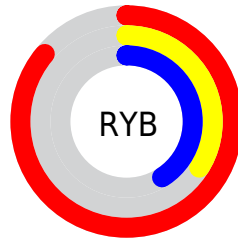
The Hex color **DB5768** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **57DBCA**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF8E9B**, and **9F1C39** is the 20% darker color. If you saturate the color by 10%, you get **DB4155**, and if you desaturate by 10%, it is **DB6D7B**.

# Distribution



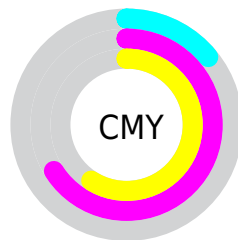
- Red (86%)
- Green (34%)
- Blue (41%)



- Red (86%)
- Yellow (34%)
- Blue (41%)



- Cyan (0%)
- Magenta (60%)
- Yellow (53%)
- Black (14%)



- Cyan (14%)
- Magenta (66%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DB5768 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 DB5768 by changing the saturation by 10% instead.



 DB5768

 DB5768

FFFFFF

 BD3B50

 FF8E9B

 9F1C39

 FFAAB6

 810024

 FFC6D1

 64000F

 FFE3EE

 480000

 2C0001

 000000

 DB5768

 DB5768

 DB4155

 DB6D7B

 DB2B42

 DB838E

 DB152F

 DB99A1

 DB001C

 DBAFB4

 DBC4C7

 DBDADA

 DBF0EE

 DBFFFF

# Harmonies

## Analogous

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



D15899



DB5768



CC673C

# Triad

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



DB5768



46943F



008EE2

# Complementary

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



DB5768



57DBCA

# 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.



0097CB



DB5768



00996E

# Square

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



DB5768



808A1C



009BA0



5F7FE0

# Rectangle

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



DB5768



B87425



009BA0



0092DD



# Sweetspot

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



DB5768



FFD1D7



C957DB



806367



000000



808080



# Same Dimension

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



DB5768



FF475F



DB8757



6E6364



AD0016



2E0006



# Inverse Universe

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



DB5768



FF475F



57ABDB



6E6364



AD0016



2E0006



# Previews

## White Background



This preview shows how the Hex color DB5768 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 DB5768 Background



This preview shows how black text looks on a background with the Hex color DB5768.



This preview shows how white text looks on a background with the Hex color DB5768.

# 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**  
DB5768

**Protanopia**  
88837E

**Deuteranopia**  
9C7F62



# Trichromacy



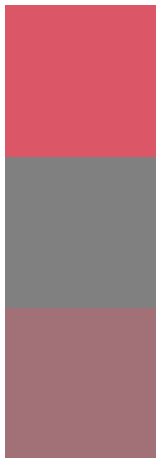
**Original Color**  
DB5768

**Protanomaly**  
A67376

**Deuteranomaly**  
B37064

**Tritanomaly**  
DA5862

# Monochromacy



**Original Color**  
DB5768

**Achromatopsia**  
808080

**Achromatomaly**  
A17177

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DB5768 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 #DB5768 looks like.

```
.text, #text, p{  
    color:#DB5768  
}
```

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 #DB5768 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB5768
}
```

## Border

The CSS property to change the border of an element to Hex DB5768 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
#DB5768 }
```

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

```
.border{ border-color:#DB5768 }
```

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

Here you see how a box with a 4 pixel #DB5768 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB5768; -webkit-box-shadow:4px 4px  
4px 4px #DB5768; box-shadow:4px 4px 4px  
4px #DB5768 }
```

# Background

The CSS property to change the background color of an element to Hex DB5768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB5768 }
```

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

```
.background{ background-color:#DB5768 }
```

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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