

# Converting Colors

Hex(DD7775)

Have a look what the booklet for  
Hex(DD7775) contains.

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# **Color**

**Hex(DD7775)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DD7775
RGB	221, 119, 117
RGB Percent	87%, 47%, 46%
CMY	0.1333, 0.5333, 0.5412
CMYK	0.00, 0.46, 0.47, 0.13
HSL	1°, 60%, 66%
HSV	1°, 47%, 87%
XYZ	39.6265, 29.8502, 20.5027
YIQ	149.2700, 61.4340, 21.0020

# Conversions

## Conversions Part 2

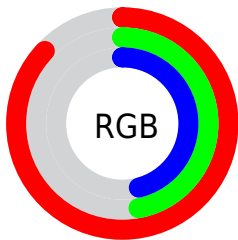
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	221, 119, 117
Decimal	14514037
CIE Lab	61.52, 39.37, 19.03
CIE LCh	62, 43.724, 25.799
Yxy	29.8502, 0.4404, 0.3317
Android (android.graphics.Color)	4292704117 (0xFFDD7775)
YUV	149.2700, -15.9091, 62.9072
Hunter-Lab	54.6353, 33.8527, 15.9952

# Details

The Hex color **DD7775** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **75DBDD**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FFADA9**, and **A24345** is the 20% darker color. If you saturate the color by 10%, you get **DD615F**, and if you desaturate by 10%, it is **DD8D8B**.

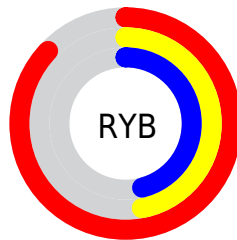
# Distribution



Red (87%)

Green (47%)

Blue (46%)



Red (87%)

Yellow (47%)

Blue (46%)

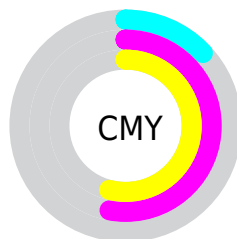


Cyan (0%)

Magenta (46%)

Yellow (47%)

Black (13%)



Cyan (13%)

Magenta (53%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DD7775 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 DD7775 by changing the saturation by 10% instead.



 DD7775

 DD7775

FFFFFF

 BF5D5C

 FFADA9

 A24345

 FFC9C4

 852A2F

 FFE5E0

 690D1A

FFFFFFD

 4E0000

 340001

 070000

 000000

 DD7775

 DD7775

 DD615F

 DD8D8B

 DD4C49

 DDA2A1

 DD3633

 DDB8B7

 DD201D

 DDCECD

 DD0B07

 DDE3E3

 DD0400

 DDF9FA

 DDFFFF

# Harmonies

## Analogous

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



D9759C



DD7775



CE8256

# Triad

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



DD7775



5BA468



439AE1

# Complementary

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



DD7775



75DBDD

# 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.



00A4D4



DD7775



00A88E

# Square

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



DD7775



8A9C4C



00A8B5



8F8DDA

# Rectangle

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



DD7775



BC8C49



00A8B5



0E9EDF



# Sweetspot

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



DD7775



FFDCDB



DD75DB



806A6A



000000



808080



# Same Dimension

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



DD7775



FF7370



DDAB75



6E6363



AD0300



2E0100



# Inverse Universe

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



75DBDD



70FCFF



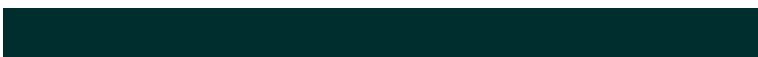
75A7DD



636D6E



00AAAD



002D2E



# Previews

## White Background



This preview shows how the Hex color DD7775 looks on a white background.

## Color Contrast Check

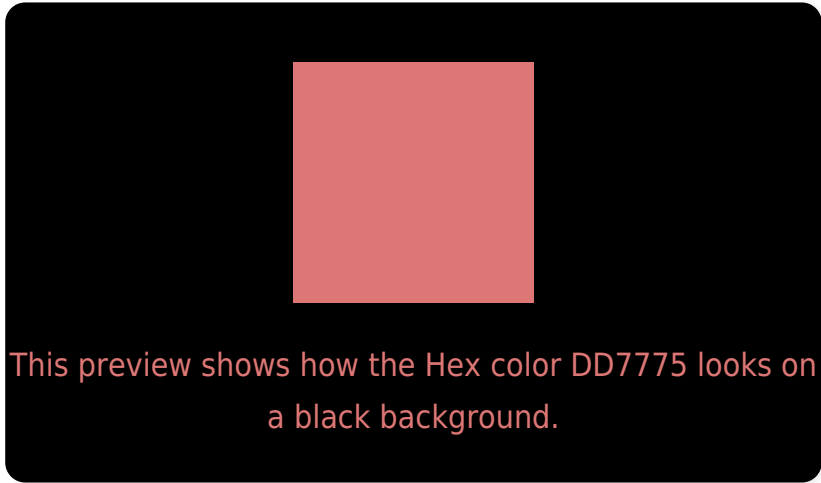
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD7775 Background



This preview shows how black text looks on a background with the Hex color DD7775.

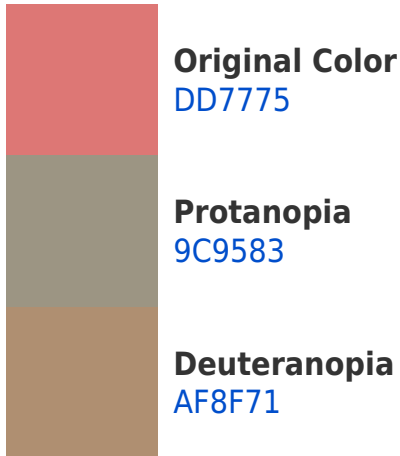


This preview shows how white text looks on a background with the Hex color DD7775.

# 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**  
DE767E

# Trichromacy



**Original Color**  
DD7775

**Protanomaly**  
B48A7E

**Deuteranomaly**  
C08672

**Tritanomaly**  
DE767B

# Monochromacy



**Original Color**  
DD7775

**Achromatopsia**  
959595

**Achromatomaly**  
AF8A89

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DD7775 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 #DD7775 looks like.

```
.text, #text, p{  
    color:#DD7775  
}
```

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 #DD7775 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD7775
}
```

## Border

The CSS property to change the border of an element to Hex DD7775 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
#DD7775 }
```

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

```
.border{ border-color:#DD7775 }
```

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

Here you see how a box with a 4 pixel #DD7775 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD7775; -webkit-box-shadow:4px 4px  
4px 4px #DD7775; box-shadow:4px 4px 4px  
4px #DD7775 }
```

# Background

The CSS property to change the background color of an element to Hex DD7775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD7775 }
```

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

```
.background{ background-color:#DD7775 }
```

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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