

# Converting Colors

Hex(D19776)

Have a look what the booklet for  
Hex(D19776) contains.

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**Color**

**Hex(D19776)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D19776
RGB	209, 151, 118
RGB Percent	82%, 59%, 46%
CMY	0.1804, 0.4078, 0.5373
CMYK	0.00, 0.28, 0.44, 0.18
HSL	22°, 50%, 64%
HSV	22°, 44%, 82%
XYZ	40.6311, 36.9965, 22.1391
YIQ	164.5800, 45.1610, 2.0330

# Conversions

## Conversions Part 2

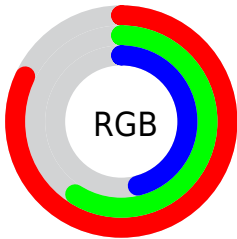
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	209, 170, 118
Decimal	13735798
CIE <sub>Lab</sub>	67.27, 17.71, 25.97
CIE <sub>LCh</sub>	67, 31.436, 55.704
Yxy	36.9965, 0.4073, 0.3708
Android (android.graphics.Color)	4291925878 (0xFFD19776)
YUV	164.5800, -22.9639, 38.9563
Hunter-Lab	60.8248, 12.7951, 20.9969

# Details

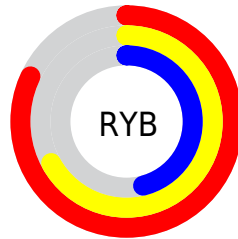
The Hex color **D19776** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **76B0D1**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFCDAA**, and **986445** is the 20% darker color. If you saturate the color by 10%, you get **D18A61**, and if you desaturate by 10%, it is **D1A48B**.

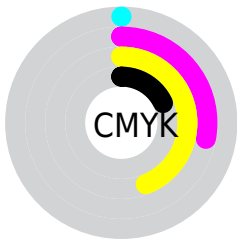
# Distribution



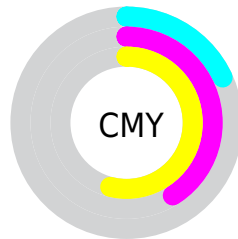
- Red (82%)
- Green (59%)
- Blue (46%)



- Red (82%)
- Yellow (67%)
- Blue (46%)



- Cyan (0%)
- Magenta (28%)
- Yellow (44%)
- Black (18%)



- Cyan (18%)
- Magenta (41%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D19776 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 D19776 by changing the saturation by 10% instead.



 D19776

 D19776

FFFFFF

 B47D5D

 FFCDA A

 986445

 FFEAC6

 7D4C2E

 FFFFE2

 623519

 481F00

 2F0A00

 0F0000

 000000

 D19776

 D19776

 D18A61

 D1A48B

 D17C4C

 D1B2A0

 D16F37

 D1BFB5

 D16222

 D1CCCA

 D1540E

 D1DADF

 D14C00

 D1E7F3

 D1F4FF

 D1FFFF

# Harmonies

## Analogous

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



DC908D



D19776



BBA16B

# Triad

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



D19776



5CB39F



A29ED7

# Complementary

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



D19776



76B0D1

# 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.



77A8DC



D19776



44B3BB

# Square

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



D19776



7DB083



50AFD2



C494C4

# Rectangle

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



D19776



A8A76D



50AFD2



94A1DA

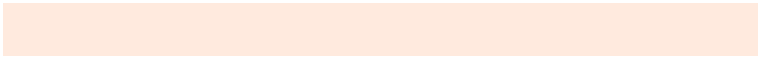


# Sweetspot

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



D19776



FFEADE



D176B1



80726B



000000



808080



# Same Dimension

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



D19776



FFAA7A



D1C376



69625E



A83D00



290F00

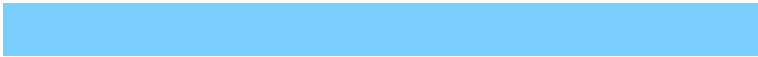


# Inverse Universe

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



76B0D1



7ACFFF



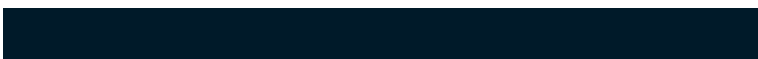
7684D1



5E6569



006BA8



001A29



# Previews

## White Background



This preview shows how the Hex color D19776 looks on a white background.

## Color Contrast Check

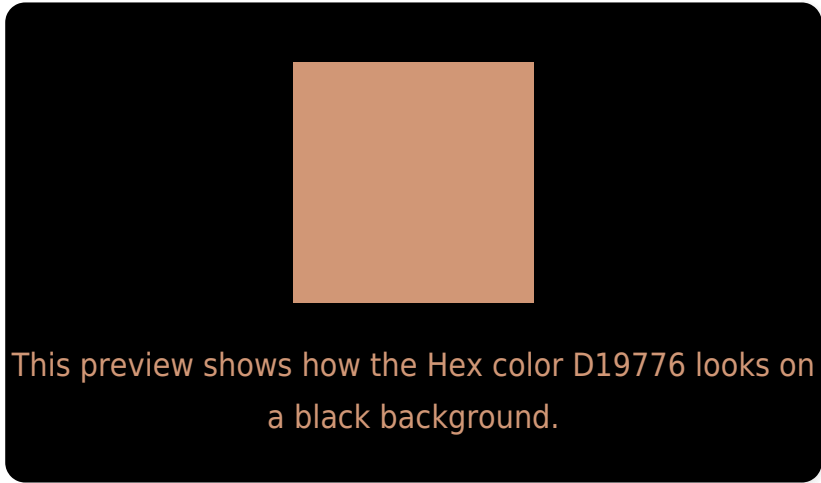
Large Text (above 18pt) WCAG AA × Fail

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

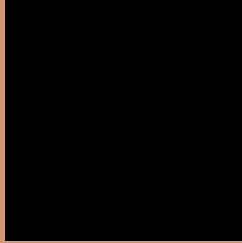
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D19776 Background



This preview shows how black text looks on a background with the Hex color D19776.



This preview shows how white text looks on a background with the Hex color D19776.

# 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**  
D19776

**Protanopia**  
B0A47C

**Deuteranopia**  
C39D75



**Tritanopia**  
D5929D

# Trichromacy



**Original Color**  
D19776

**Protanomaly**  
BC9F7A

**Deuteranomaly**  
C89B75

**Tritanomaly**  
D4948F

# Monochromacy



**Original Color**  
D19776

**Achromatopsia**  
A5A5A5

**Achromatomaly**  
B5A094

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D19776 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 #D19776 looks like.

```
.text, #text, p{  
    color:#D19776  
}
```

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 #D19776 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D19776
}
```

## Border

The CSS property to change the border of an element to Hex D19776 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
#D19776 }
```

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

```
.border{ border-color:#D19776 }
```

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

Here you see how a box with a 4 pixel #D19776 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D19776; -webkit-box-shadow:4px 4px  
4px 4px #D19776; box-shadow:4px 4px 4px  
4px #D19776 }
```

# Background

The CSS property to change the background color of an element to Hex D19776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D19776 }
```

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

```
.background{ background-color:#D19776 }
```

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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