

# Converting Colors

Hex(D86164)

Have a look what the booklet for  
Hex(D86164) contains.

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**Color**

**Hex(D86164)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D86164
RGB	216, 97, 100
RGB Percent	85%, 38%, 39%
CMY	0.1529, 0.6196, 0.6078
CMYK	0.00, 0.55, 0.54, 0.15
HSL	358°, 60%, 61%
HSV	358°, 55%, 85%
XYZ	34.8938, 24.0684, 14.8632
YIQ	132.9230, 69.9610, 26.1610

# Conversions

## Conversions Part 2

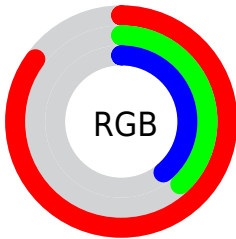
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	216, 97, 100
Decimal	14180708
CIE <sub>Lab</sub>	56.16, 47.00, 21.43
CIE <sub>LCh</sub>	56, 51.656, 24.509
Yxy	24.0684, 0.4727, 0.3260
Android (android.graphics.Color)	4292370788 (0xFFD86164)
YUV	132.9230, -16.2310, 72.8585
Hunter-Lab	49.0596, 41.1047, 16.3791

# Details

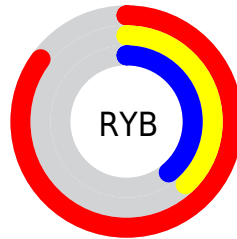
The Hex color **D86164** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **61D8D5**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FF9797**, and **9C2B35** is the 20% darker color. If you saturate the color by 10%, you get **D84B4F**, and if you desaturate by 10%, it is **D87779**.

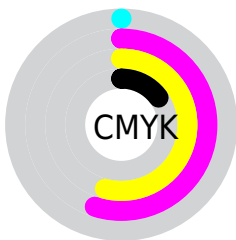
# Distribution



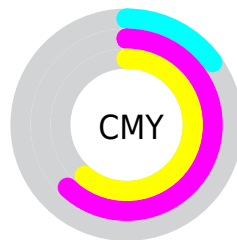
- Red (85%)
- Green (38%)
- Blue (39%)



- Red (85%)
- Yellow (38%)
- Blue (39%)



- Cyan (0%)
- Magenta (55%)
- Yellow (54%)
- Black (15%)



- Cyan (15%)
- Magenta (62%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D86164 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 D86164 by changing the saturation by 10% instead.



 D86164

 D86164

FFFFFF

 BA464C

 FF9797

 9C2B35

 FFB3B1

 7F0920

 FFCFCD

 62000A

 FFECE9

 460000

 2B0001

 000000

 D86164

 D86164

 D84B4F

 D87779

 D8363A

 D88C8E

 D82025

 D8A2A3

 D80B10

 D8B7B8

 D80005

 D8CDCD

 D8E3E2

 D8F8F7

 D8FFFF

# Harmonies

## Analogous

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



D45E91



D86164



C7703E

# Triad

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



D86164



419850



008EE0

# Complementary

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



D86164



61D8D5

# 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.



0098CF



D86164



009C7D

# Square

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



D86164



7B8F2F



009CAB



7A7ED9

# Rectangle

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



D86164



B27C2C



009CAB



0092DD



# Sweetspot

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



D86164



FFD4D5



D461D8



806667



000000



808080



# Same Dimension

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



D86164



FF575B



D89961



6B6061



AB0004



2B0001



# Inverse Universe

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



D86164



FF575B



61A0D8



6B6061



AB0004



2B0001



# Previews

## White Background



This preview shows how the Hex color D86164 looks on a white background.

## Color Contrast Check

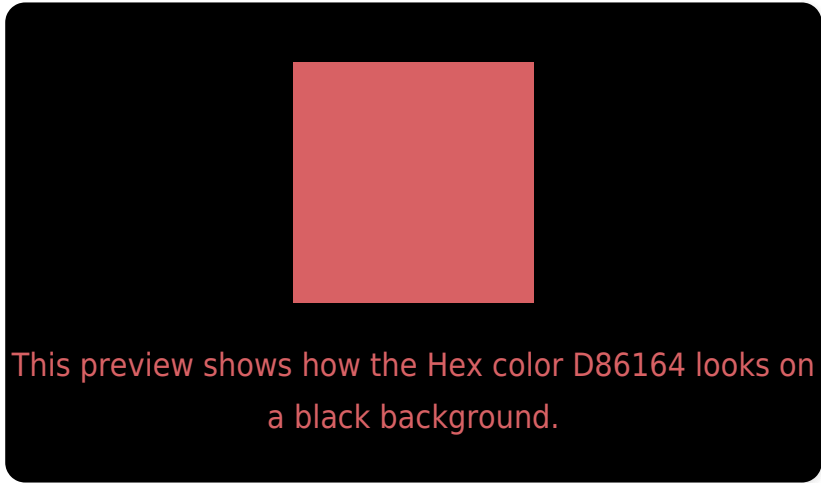
Large Text (above 18pt) WCAG AA ✓ Pass

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 D86164 Background



This preview shows how black text looks on a background with the Hex color D86164.

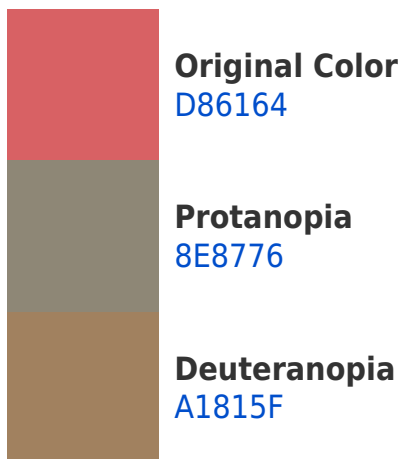


This preview shows how white text looks on a background with the Hex color D86164.

# 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**  
D86167

# Trichromacy



**Original Color**  
D86164

**Protanomaly**  
A9796F

**Deuteranomaly**  
B57561

**Tritanomaly**  
D86166

# Monochromacy



**Original Color**  
D86164

**Achromatopsia**  
858585

**Achromatomaly**  
A37879

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D86164 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 #D86164 looks like.

```
.text, #text, p{  
    color:#D86164  
}
```

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 #D86164 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D86164
}
```

## Border

The CSS property to change the border of an element to Hex D86164 is called "border". The border property can be set on classes, ids or directly on the HTML element.

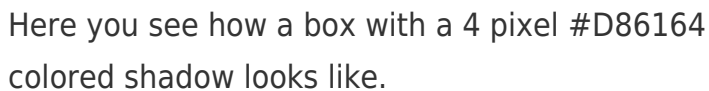
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D86164 }
```

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

```
.border{ border-color:#D86164 }
```

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



Here you see how a box with a 4 pixel #D86164 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D86164; -webkit-box-shadow:4px 4px  
4px 4px #D86164; box-shadow:4px 4px 4px  
4px #D86164 }
```

# Background

The CSS property to change the background color of an element to Hex D86164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D86164 }
```

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

```
.background{ background-color:#D86164 }
```

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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