

# Converting Colors

Hex(D16165)

Have a look what the booklet for  
Hex(D16165) contains.

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# Color

**Hex(D16165)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D16165
RGB	209, 97, 101
RGB Percent	82%, 38%, 40%
CMY	0.1804, 0.6196, 0.6039
CMYK	0.00, 0.54, 0.52, 0.18
HSL	358°, 55%, 60%
HSV	358°, 54%, 82%
XYZ	32.9182, 23.0443, 15.0249
YIQ	130.9440, 65.4680, 24.9880

# Conversions

## Conversions Part 2

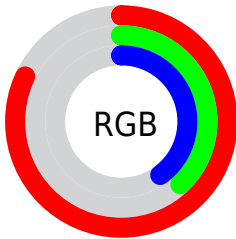
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	209, 97, 101
Decimal	13721957
CIE <sub>Lab</sub>	55.12, 44.59, 19.27
CIE <sub>LCh</sub>	55, 48.572, 23.369
Yxy	23.0443, 0.4637, 0.3246
Android (android.graphics.Color)	4291912037 (0xFFD16165)
YUV	130.9440, -14.7624, 68.4551
Hunter-Lab	48.0045, 38.3952, 15.0459

# Details

The Hex color **D16165** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **61D1CD**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FF9798**, and **962C36** is the 20% darker color. If you saturate the color by 10%, you get **D14C51**, and if you desaturate by 10%, it is **D17679**.

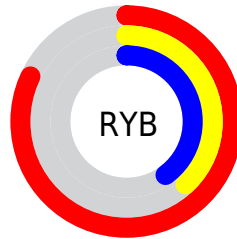
# Distribution



Red (82%)

Green (38%)

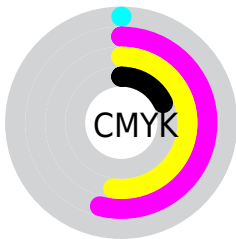
Blue (40%)



Red (82%)

Yellow (38%)

Blue (40%)

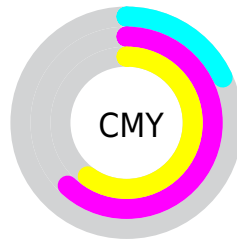


Cyan (0%)

Magenta (54%)

Yellow (52%)

Black (18%)



Cyan (18%)

Magenta (62%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D16165 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 D16165 by changing the saturation by 10% instead.



 D16165

 D16165

FFFFFF

 B3474D

 FF9798

 962C36

 FFB2B3

 790D21

 FFCECE

 5D000B

 FFEBEA

 410000

 250001

 000000

 D16165

 D16165

 D14C51

 D17679

 D1373D

 D18B8D

 D12229

 D1A0A1

 D10D14

 D1B5B6

 D10007

 D1CACA

 D1DEDE

 D1F3F2

 D1FFFF

# Harmonies

## Analogous

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



CC5F8F



D16165



C26E41

# Triad

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



D16165



469450



008BD7

# Complementary

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



D16165



61D1CD

# 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.



0095C7



D16165



009879

# Square

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



D16165



7B8C32



0098A4



767DD1

# Rectangle

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



D16165



AF7931



0098A4



008FD4



# Sweetspot

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



D16165



FFD6D8



CB61D1



806768



000000



808080



# Same Dimension

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



D16165



FF5C62



D19361



695E5E



A80006



290001



# Inverse Universe

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



D16165



FF5C62



619FD1



695E5E



A80006

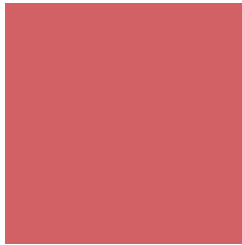


290001



# Previews

## White Background



This preview shows how the Hex color D16165 looks on a white background.

## Color Contrast Check

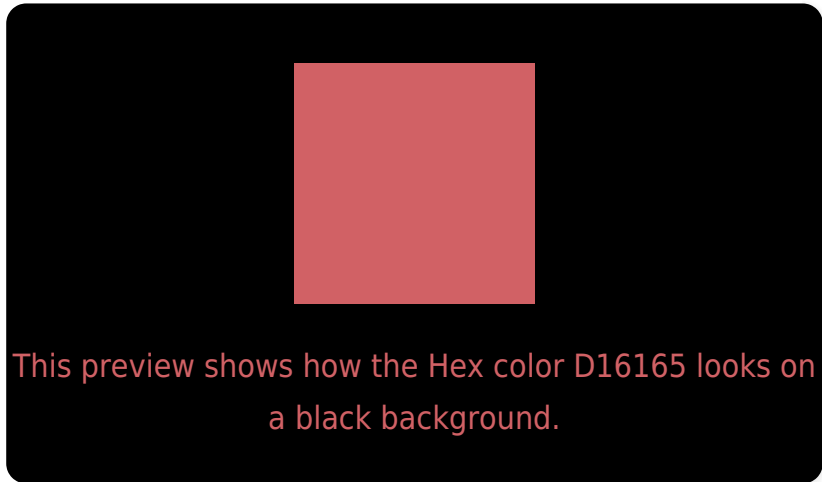
Large Text (above 18pt) WCAG AA ✓ Pass

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 D16165 Background



This preview shows how black text looks on a background with the Hex color D16165.

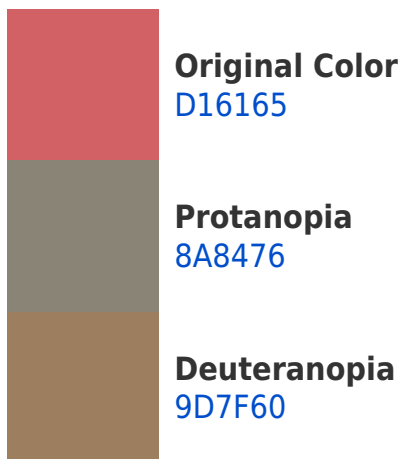


This preview shows how white text looks on a background with the Hex color D16165.

# 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**  
D16167

# Trichromacy



**Original Color**  
D16165

**Protanomaly**  
A47770

**Deuteranomaly**  
B07462

**Tritanomaly**  
D16166

# Monochromacy



**Original Color**  
D16165

**Achromatopsia**  
838383

**Achromatomaly**  
9F7778

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D16165 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 #D16165 looks like.

```
.text, #text, p{  
    color:#D16165  
}
```

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 #D16165 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D16165
}
```

## Border

The CSS property to change the border of an element to Hex D16165 is called "border". The border property can be set on classes, ids or directly on the HTML element.

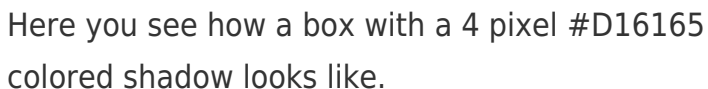
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D16165 }
```

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

```
.border{ border-color:#D16165 }
```

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



Here you see how a box with a 4 pixel #D16165 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D16165; -webkit-box-shadow:4px 4px  
4px 4px #D16165; box-shadow:4px 4px 4px  
4px #D16165 }
```

# Background

The CSS property to change the background color of an element to Hex D16165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D16165 }
```

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

```
.background{ background-color:#D16165 }
```

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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