

# Converting Colors

Hex(D46D5E)

Have a look what the booklet for  
Hex(D46D5E) contains.

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# Color

**Hex(D46D5E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D46D5E
RGB	212, 109, 94
RGB Percent	83%, 43%, 37%
CMY	0.1686, 0.5725, 0.6314
CMYK	0.00, 0.49, 0.56, 0.17
HSL	8°, 58%, 60%
HSV	8°, 56%, 83%
XYZ	34.6404, 25.7425, 13.7327
YIQ	138.0870, 66.2030, 17.1710

# Conversions

## Conversions Part 2

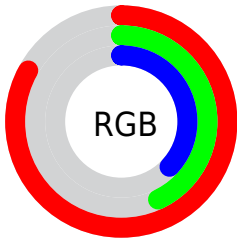
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	212, 111, 94
Decimal	13921630
CIE <sub>Lab</sub>	57.79, 39.08, 26.93
CIE <sub>LCh</sub>	58, 47.461, 34.567
Yxy	25.7425, 0.4674, 0.3473
Android (android.graphics.Color)	4292111710 (0xFFD46D5E)
YUV	138.0870, -21.7349, 64.8217
Hunter-Lab	50.7370, 33.0799, 19.4682

# Details

The Hex color **D46D5E** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **5EC5D4**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FFA291**, and **993A30** is the 20% darker color. If you saturate the color by 10%, you get **D45A49**, and if you desaturate by 10%, it is **D48073**.

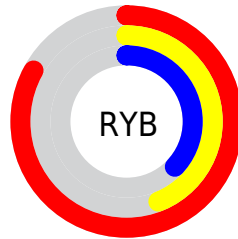
# Distribution



Red (83%)

Green (43%)

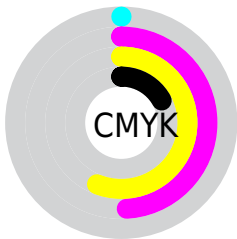
Blue (37%)



Red (83%)

Yellow (44%)

Blue (37%)

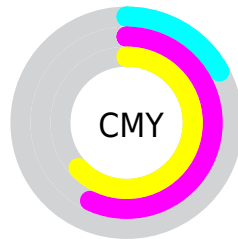


Cyan (0%)

Magenta (49%)

Yellow (56%)

Black (17%)



Cyan (17%)

Magenta (57%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D46D5E 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 D46D5E by changing the saturation by 10% instead.



 D46D5E

 D46D5E

FFFFFF

 B65346

 FFA291

 993A30

 FFBEAB

 7C201A

 FFDAC7

 600001

 FFF7E3

 430000

 2A0001

 000000

 D46D5E

 D46D5E

 D45A49

 D48073

 D44834

 D49288

 D4351E

 D4A59E

 D42309

 D4B7B3

 D41B00

 D4CAC8

 D4DCDD

 D4EFF2

 D4FFFF

# Harmonies

## Analogous

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



D76686



D46D5E



BF7C3F

# Triad

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



D46D5E



359D66



488DDD

# Complementary

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



D46D5E



5EC5D4

# 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.



0099D5



D46D5E



00A090

# Square

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



D46D5E



719643



009EB9



967DCF

# Rectangle

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



D46D5E



A98635



009EB9



0C92DD

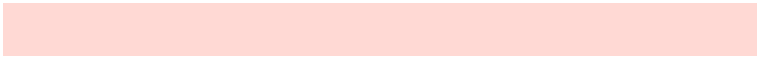


# Sweetspot

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



D46D5E



FFD9D4



D45EC6



806966



000000



808080



# Same Dimension

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



D46D5E



FF6A54



D4A75E



6B6260



AB1600



2B0600

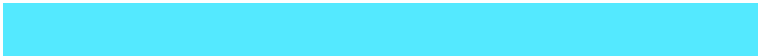


# Inverse Universe

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



5EC5D4



54E9FF



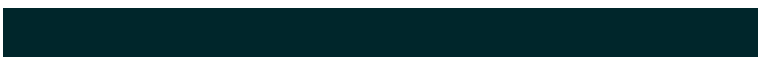
5E8BD4



606A6B



0095AB



00262B



# Previews

## White Background



This preview shows how the Hex color D46D5E looks on a white background.

## Color Contrast Check

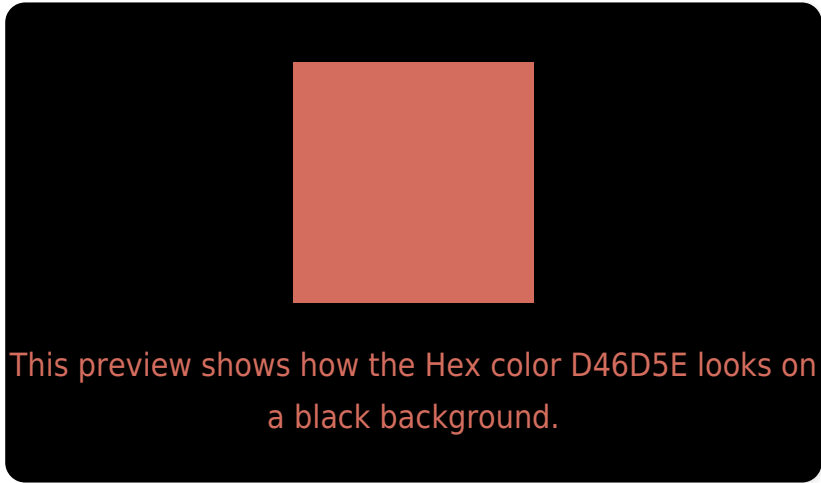
Large Text (above 18pt) WCAG AA ✓ Pass

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 D46D5E Background



This preview shows how black text looks on a background with the Hex color D46D5E.



This preview shows how white text looks on a background with the Hex color D46D5E.

# 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**  
D46D5E

**Protanopia**  
958B6B

**Deuteranopia**  
A8855A



**Tritanopia**  
D56A72

# Trichromacy



**Original Color**  
D46D5E

**Protanomaly**  
AC8066

**Deuteranomaly**  
B87C5B

**Tritanomaly**  
D56B6B

# Monochromacy



**Original Color**  
D46D5E

**Achromatopsia**  
8A8A8A

**Achromatomaly**  
A57F7A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D46D5E 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 #D46D5E looks like.

```
.text, #text, p{  
  color:#D46D5E  
}
```

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 #D46D5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D46D5E
}
```

## Border

The CSS property to change the border of an element to Hex D46D5E 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
#D46D5E }
```

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

```
.border{ border-color:#D46D5E }
```

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

Here you see how a box with a 4 pixel #D46D5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D46D5E; -webkit-box-shadow:4px 4px  
4px 4px #D46D5E; box-shadow:4px 4px 4px  
4px #D46D5E }
```

# Background

The CSS property to change the background color of an element to Hex D46D5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D46D5E }
```

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

```
.background{ background-color:#D46D5E }
```

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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