

# Converting Colors

Hex(D2705B)

Have a look what the booklet for  
Hex(D2705B) contains.

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# Color

Hex(D2705B)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D2705B
RGB	210, 112, 91
RGB Percent	82%, 44%, 36%
CMY	0.1765, 0.5608, 0.6431
CMYK	0.00, 0.47, 0.57, 0.18
HSL	11°, 57%, 59%
HSV	11°, 57%, 82%
XYZ	34.2608, 26.0453, 13.1190
YIQ	138.9080, 65.1490, 14.2450

# Conversions

## Conversions Part 2

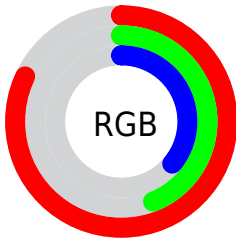
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	210, 117, 91
Decimal	13791323
CIE <sub>Lab</sub>	58.08, 36.53, 28.94
CIE <sub>LCh</sub>	58, 46.607, 38.389
Yxy	26.0453, 0.4666, 0.3547
Android (android.graphics.Color)	4291981403 (0xFFD2705B)
YUV	138.9080, -23.6186, 62.3477
Hunter-Lab	51.0346, 30.5211, 20.4830

# Details

The Hex color **D2705B** 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 **5BBDD2**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FFA58D**, and **973D2D** is the 20% darker color. If you saturate the color by 10%, you get **D25F46**, and if you desaturate by 10%, it is **D28170**.

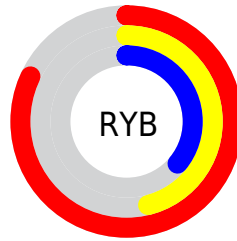
# Distribution



Red (82%)

Green (44%)

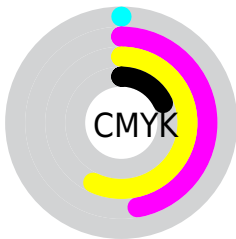
Blue (36%)



Red (82%)

Yellow (46%)

Blue (36%)

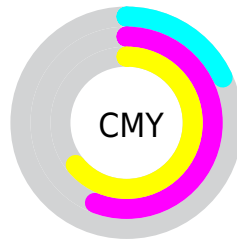


Cyan (0%)

Magenta (47%)

Yellow (57%)

Black (18%)



Cyan (18%)

Magenta (56%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D2705B 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 D2705B by changing the saturation by 10% instead.



 D2705B

 D2705B

FFFFFF

 B45643

 FFA58D

 973D2D

 FFC1A8

 7A2417

 FFDDC3

 5E0700

 FFFADF

 420000

 FFFFFC

 290001

 000000

 D2705B

 D2705B

 D25F46

 D28170

 D24D31

 D29385

 D23C1C

 D2A49A

 D22B07

 D2B5AF

 D22500

 D2C6C4

 D2D8D9

 D2E9EE

 D2FAFF

 D2FFFF

# Harmonies

## Analogous

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



D76882



D2705B



BB7F3F

# Triad

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



D2705B



2D9E6C



588CDC

# Complementary

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



D2705B



5BBDD2

# 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.



0098D7



D2705B



00A096

# Square

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



D2705B



6C9849



009EBD



9E7CCC

# Rectangle

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



D2705B



A58937



009EBD



3391DD



# Sweetspot

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



D2705B



FFDBD4



D25BBE



806B66



000000



808080



# Same Dimension

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



D2705B



FF7052



D2AA5B



69605E



A81E00



290700



# Inverse Universe

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



5BBDD2



52E0FF



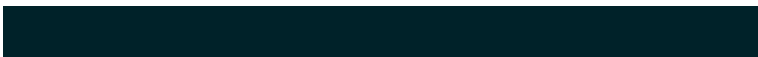
5B83D2



5E6769



008BA8



002229



# Previews

## White Background



This preview shows how the Hex color D2705B looks on a white background.

## Color Contrast Check

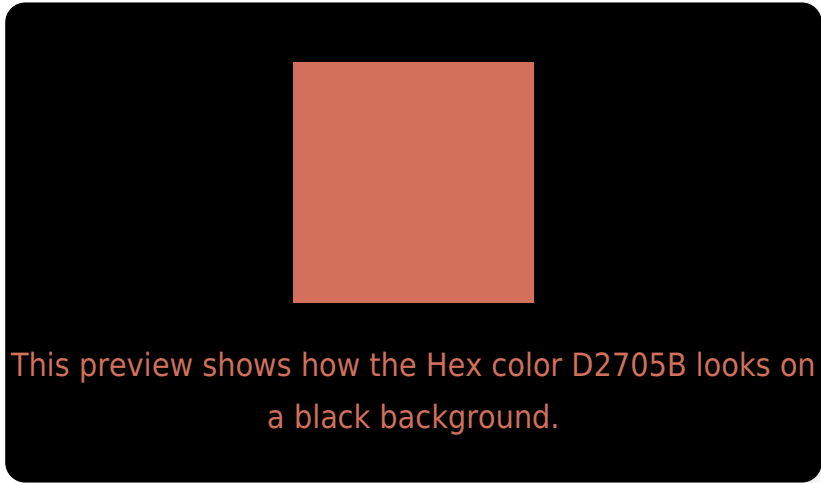
Large Text (above 18pt) WCAG AA ✓ Pass

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 D2705B Background



This preview shows how black text looks on a background with the Hex color D2705B.



This preview shows how white text looks on a background with the Hex color D2705B.

# 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**  
D46C74

# Trichromacy



**Original Color**  
D2705B

**Protanomaly**  
AC8263

**Deuteranomaly**  
B87E58

**Tritanomaly**  
D36D6B

# Monochromacy



**Original Color**  
D2705B

**Achromatopsia**  
8B8B8B

**Achromatomaly**  
A5817A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D2705B 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 #D2705B looks like.

```
.text, #text, p{  
    color:#D2705B  
}
```

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 #D2705B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2705B
}
```

## Border

The CSS property to change the border of an element to Hex D2705B 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
#D2705B }
```

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

```
.border{ border-color:#D2705B }
```

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

Here you see how a box with a 4 pixel #D2705B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2705B; -webkit-box-shadow:4px 4px  
4px 4px #D2705B; box-shadow:4px 4px 4px  
4px #D2705B }
```

# Background

The CSS property to change the background color of an element to Hex D2705B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2705B }
```

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

```
.background{ background-color:#D2705B }
```

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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