

# Converting Colors

Hex(B2705D)

Have a look what the booklet for  
Hex(B2705D) contains.

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# Color

Hex(**B2705D**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B2705D
RGB	178, 112, 93
RGB Percent	70%, 44%, 36%
CMY	0.3020, 0.5608, 0.6353
CMYK	0.00, 0.37, 0.48, 0.30
HSL	13°, 36%, 53%
HSV	13°, 48%, 70%
XYZ	26.1301, 21.8436, 13.1950
YIQ	129.5680, 45.4350, 8.0830

# Conversions

## Conversions Part 2

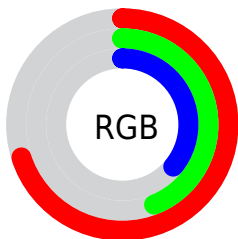
Format	Color
R <sub>Y</sub> B	178, 117, 93
Decimal	11694173
CIE Lab	53.86, 23.99, 21.48
CIE LCh	54, 32.200, 41.835
Yxy	21.8436, 0.4272, 0.3571
Android (android.graphics.Color)	4289884253 (0xFFB2705D)
YUV	129.5680, -18.0280, 42.4749
Hunter-Lab	46.7372, 18.0066, 15.9771

# Details

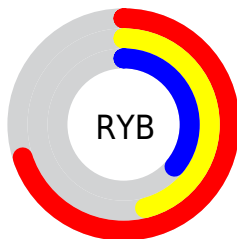
The Hex color **B2705D** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **5D9FB2**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **ECA48F**, and **7A3F2F** is the 20% darker color. If you saturate the color by 10%, you get **B2624B**, and if you desaturate by 10%, it is **B27E6F**.

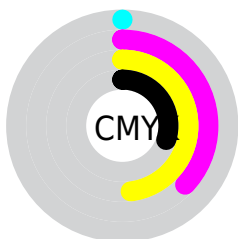
# Distribution



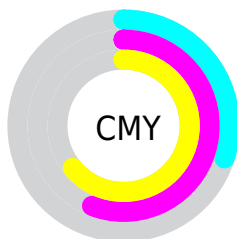
- Red (70%)
- Green (44%)
- Blue (36%)



- Red (70%)
- Yellow (46%)
- Blue (36%)



- Cyan (0%)
- Magenta (37%)
- Yellow (48%)
- Black (30%)



- Cyan (30%)
- Magenta (56%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2705D 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 B2705D by changing the saturation by 10% instead.



 B2705D

 B2705D

FFFFFF

 965745

 ECA48F

 7A3F2F

 FFC0AA

 5F281A

 FFDCC5

 461200

 FFF8E1

 2D0000

FFFFFFE

 000000

 B2705D

 B2705D

 B2624B

 B27E6F

 B25439

 B28C81

 B24728

 B29992

 B23916

 B2A7A4

 B22B04

 B2B5B6

 B22800

 B2C3C8

 B2D1DA

 B2DFEB

 B2ECFD

# Harmonies

## Analogous

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



B76B77



B2705D



A1794C

# Triad

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



B2705D



468E6F



6A80B7

# Complementary

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



B2705D



5D9FB2

# 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.



3788B5



B2705D



16908B

# Square

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



B2705D



698A56



008EA5



9275AA

# Rectangle

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



B2705D



918049



008EA5



5A83B8



# Sweetspot

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



B2705D



E8CFC8



B25DA0



756661



F5F5F5



757575



# Same Dimension

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



B2705D



E88164



B29A5D



595250



992200



1A0600



# Inverse Universe

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



5D9FB2



64CAE8



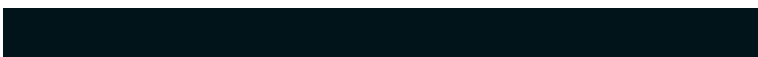
5D75B2



505759



007799



00141A



# Previews

## White Background



This preview shows how the Hex color B2705D looks on a white background.

## Color Contrast Check

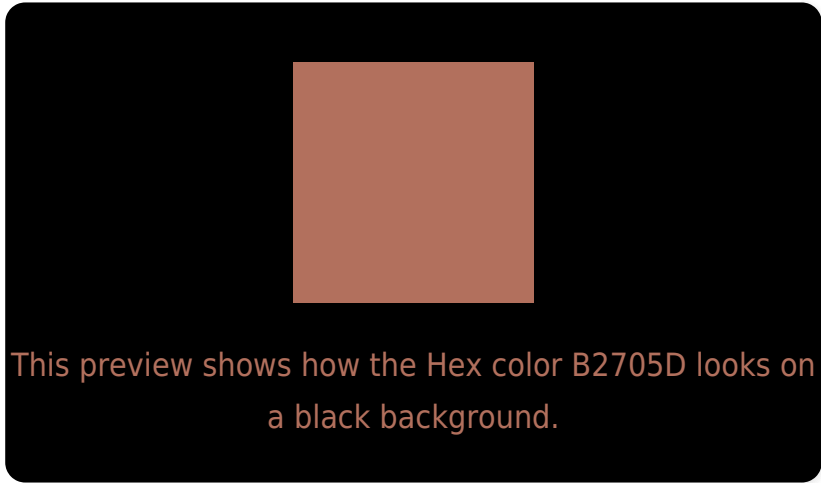
Large Text (above 18pt) WCAG AA ✓ Pass

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 B2705D Background



This preview shows how black text looks on a background with the Hex color B2705D.

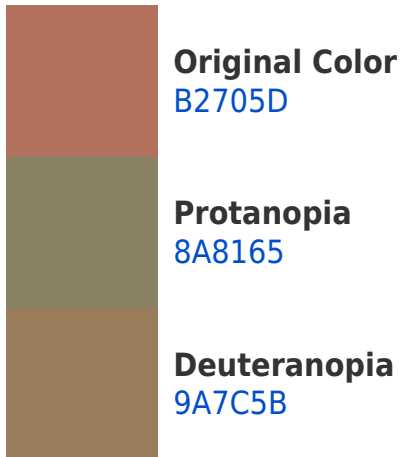



This preview shows how white text looks on a background with the Hex color B2705D.

# 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](#).

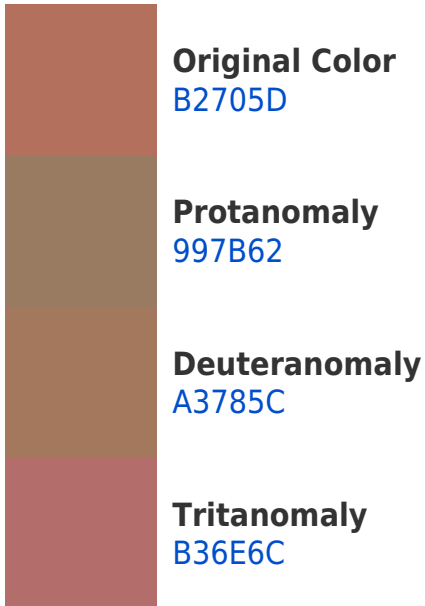
## Dichromacy



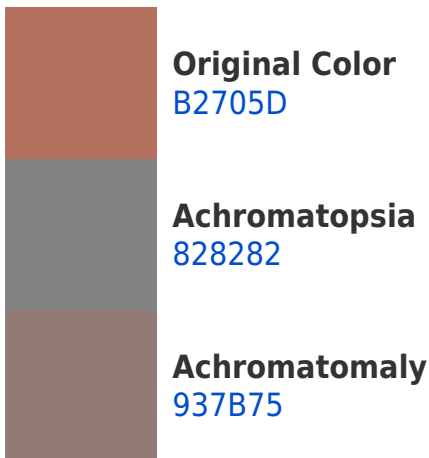


**Tritanopia**  
B46D75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2705D 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 #B2705D looks like.

```
.text, #text, p{  
    color:#B2705D  
}
```

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 #B2705D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2705D
}
```

## Border

The CSS property to change the border of an element to Hex B2705D is called "border". The border property can be set on classes, ids or directly on the HTML element.

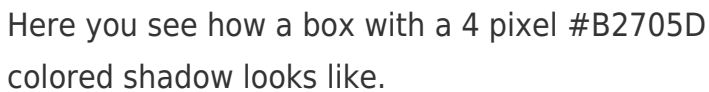
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B2705D }
```

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

```
.border{ border-color:#B2705D }
```

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



Here you see how a box with a 4 pixel #B2705D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2705D; -webkit-box-shadow:4px 4px  
4px 4px #B2705D; box-shadow:4px 4px 4px  
4px #B2705D }
```

# Background

The CSS property to change the background color of an element to Hex B2705D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2705D }
```

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

```
.background{ background-color:#B2705D }
```

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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