

# Converting Colors

Hex(771D65)

Have a look what the booklet for  
Hex(771D65) contains.

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# Color

**Hex(771D65)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	771D65
RGB	119, 29, 101
RGB Percent	47%, 11%, 40%
CMY	0.5333, 0.8863, 0.6039
CMYK	0.00, 0.76, 0.15, 0.53
HSL	312°, 61%, 29%
HSV	312°, 76%, 47%
XYZ	10.3961, 5.7403, 12.8720
YIQ	64.1180, 30.5280, 41.4720

# Conversions

## Conversions Part 2

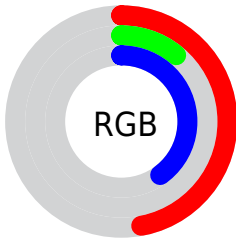
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 29, 101
Decimal	7806309
CIE <sub>Lab</sub>	28.75, 46.24, -21.01
CIE <sub>LCh</sub>	29, 50.790, 335.568
Yxy	5.7403, 0.3584, 0.1979
Android (android.graphics.Color)	4285996389 (0xFF771D65)
YUV	64.1180, 18.1828, 48.1315
Hunter-Lab	23.9588, 35.5258, -15.0826

# Details

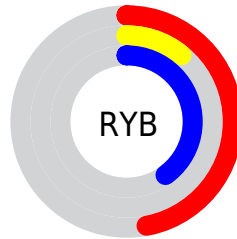
The Hex color **771D65** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **1D772F**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **AE5398**, and **430036** is the 20% darker color. If you saturate the color by 10%, you get **771163**, and if you desaturate by 10%, it is **772967**.

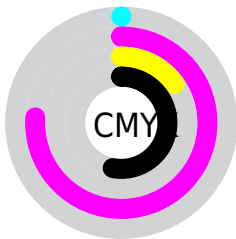
# Distribution



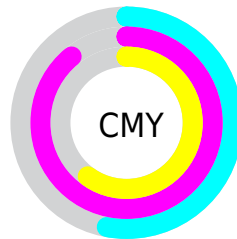
- Red (47%)
- Green (11%)
- Blue (40%)



- Red (47%)
- Yellow (11%)
- Blue (40%)



- Cyan (0%)
- Magenta (76%)
- Yellow (15%)
- Black (53%)



- Cyan (53%)
- Magenta (89%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 771D65 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 771D65 by changing the saturation by 10% instead.



771D65

771D65

FFFFFF

5D004D

AE5398

430036

CA6DB3

2D0021

E788CF

000004

FFA3EB

000000

FFBFFF

FFDBFF

FFF8FF

771D65

771D65

■ 771163

■ 772967

■ 770560

■ 77356A

■ 77005F

■ 77416C

■ 774D6F

■ 775871

■ 776473

■ 777076

■ 777C78

■ 77887A

# Harmonies

## Analogous

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



4B3584



771D65



870C3E

# Triad

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



771D65



4E4500



005471

# Complementary

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



771D65



1D772F

# 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.



00544A



771D65



224E00

# Square

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



771D65



6D3500



005321



00508C

# Rectangle

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



771D65



851725



005321



005465



# Sweetspot

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



771D65



9C7894



2F1D77



4F394B



CFCFCF



4F4F4F



# Same Dimension

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



771D65



9C0E7F



771D38



3B3539



7A0062



FA00C8



# Inverse Universe

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



771D65



9C0E7F



1D775C



3B3539



7A0062

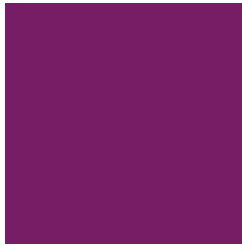


FA00C8



# Previews

## White Background



This preview shows how the Hex color 771D65 looks on a white 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 ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

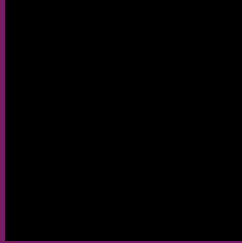
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 771D65 Background



This preview shows how black text looks on a background with the Hex color 771D65.

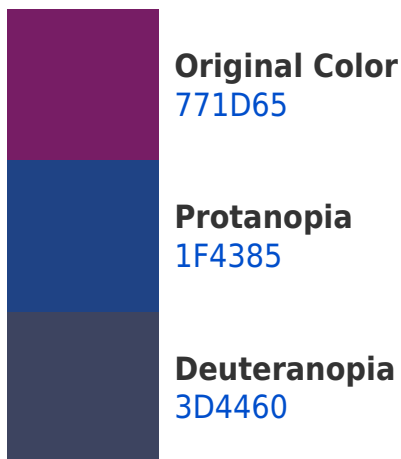


This preview shows how white text looks on a background with the Hex color 771D65.

# 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**  
722F32

# Trichromacy



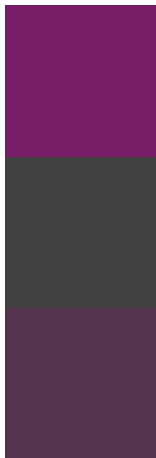
**Original Color**  
771D65

**Protanomaly**  
3F3579

**Deuteranomaly**  
523662

**Tritanomaly**  
742845

# Monochromacy



**Original Color**  
771D65

**Achromatopsia**  
404040

**Achromatomaly**  
54334D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 771D65 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 #771D65 looks like.

```
.text, #text, p{  
    color:#771D65  
}
```

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 #771D65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #771D65
}
```

## Border

The CSS property to change the border of an element to Hex 771D65 is called "border". The border property can be set on classes, ids or directly on the HTML element.

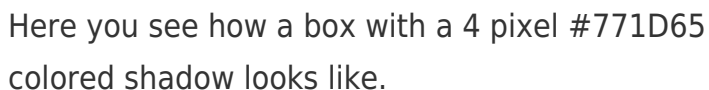
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#771D65 }
```

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

```
.border{ border-color:#771D65 }
```

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



Here you see how a box with a 4 pixel #771D65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #771D65; -webkit-box-shadow:4px 4px  
4px 4px #771D65; box-shadow:4px 4px 4px  
4px #771D65 }
```

# Background

The CSS property to change the background color of an element to Hex 771D65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#771D65 }
```

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

```
.background{ background-color:#771D65 }
```

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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