

Converting Colors

Hex(761756)

Have a look what the booklet for
Hex(761756) contains.

Hex(761756)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(761756)

Conversions

Conversions Part 1

Format	Color
Hex	761756
RGB	118, 23, 86
RGB Percent	46%, 9%, 34%
CMY	0.5373, 0.9098, 0.6627
CMYK	0.00, 0.81, 0.27, 0.54
HSL	320°, 67%, 28%
HSV	320°, 81%, 46%
XYZ	9.4573, 5.1362, 9.2970
YIQ	58.5870, 36.3970, 39.7330

Conversions

Conversions Part 2

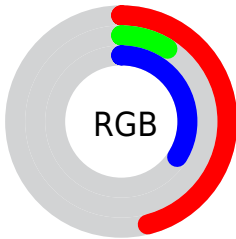
Format	Color
R_{YB}	118, 23, 86
Decimal	7739222
CIE Lab	27.12, 45.83, -13.73
CIE LCh	27, 47.845, 343.329
Yxy	5.1362, 0.3959, 0.2150
Android (android.graphics.Color)	4285929302 (0xFF761756)
YUV	58.5870, 13.5146, 52.1052
Hunter-Lab	22.6633, 34.8270, -8.4580

Details

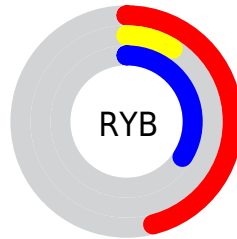
The Hex color **761756** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **177637**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **AD4E88**, and **410029** is the 20% darker color. If you saturate the color by 10%, you get **760B52**, and if you desaturate by 10%, it is **76235A**.

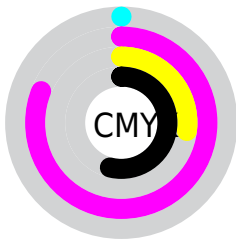
Distribution



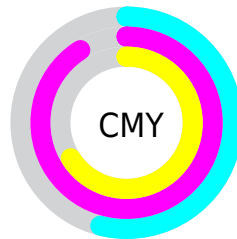
- Red (46%)
- Green (9%)
- Blue (34%)



- Red (46%)
- Yellow (9%)
- Blue (34%)



- Cyan (0%)
- Magenta (81%)
- Yellow (27%)
- Black (54%)



- Cyan (54%)
- Magenta (91%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 761756 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 761756 by changing the saturation by 10% instead.

761756

761756

FFFFFF

5B003F

AD4E88

410029

CA68A2

2A0014

E783BD

000000

FF9ED9

FFBAF5

FFD6FF

FFF3FF

761756

761756

760B52

76235A

76004E

762F5E

763A62

764666

76526A

765E6E

766A72

767576

76817A

Harmonies

Analogous

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



552D76



761756



7F1032

Triad

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



761756



414400



004F72

Complementary

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



761756



177637

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.



005050



761756



104B00

Square

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



761756



603700



004F2A



004A87

Rectangle

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



761756



7B1D1A



004F2A



005068

Sweetspot

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



761756



99748D



371776



4D3645



CCCCCC



4D4D4D

Same Dimension

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



761756



990567



761727



3B3539



7A0051



FA00A6

Inverse Universe

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



761756



990567



177666



3B3539



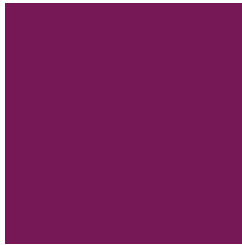
7A0051



FA00A6

Previews

White Background



This preview shows how the Hex color 761756 looks on a white background.

Color Contrast Check

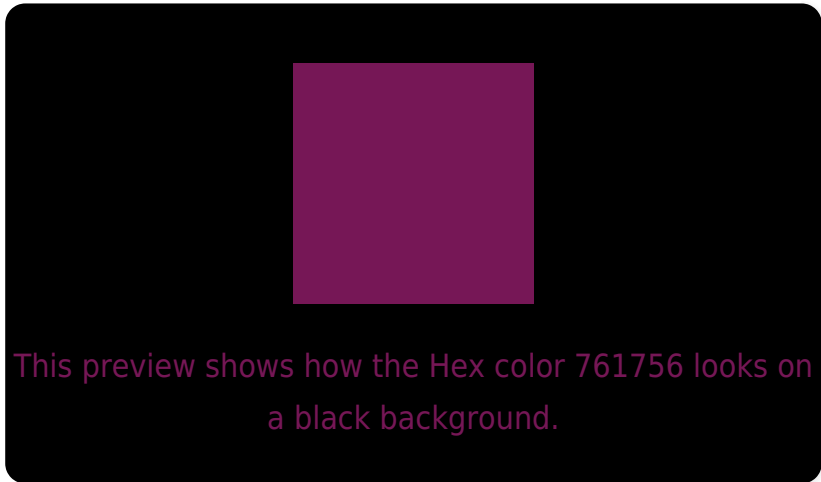
Large Text (above 18pt) WCAG AA ✓ Pass

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

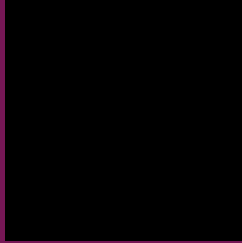
Any Text WCAG AA × Fail

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 761756 Background



This preview shows how black text looks on a background with the Hex color 761756.

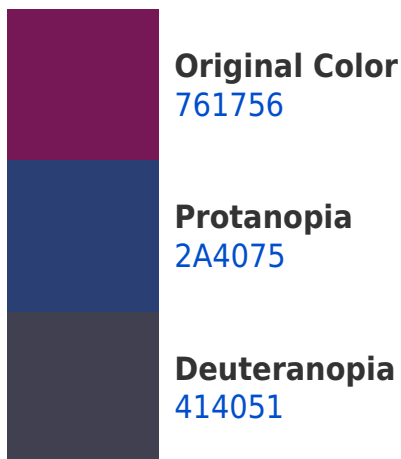


This preview shows how white text looks on a background with the Hex color 761756.

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
732729

Trichromacy



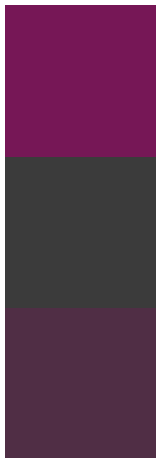
Original Color
761756

Protanomaly
46316A

Deuteranomaly
543153

Tritanomaly
742139

Monochromacy



Original Color
761756

Achromatopsia
3B3B3B

Achromatomaly
502E45

CSS Examples

Text

The CSS property to change the color of the text to Hex 761756 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 #761756 looks like.

```
.text, #text, p{  
    color:#761756  
}
```

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 #761756 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #761756
}
```

Border

The CSS property to change the border of an element to Hex 761756 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
#761756 }
```

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

```
.border{ border-color:#761756 }
```

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

Here you see how a box with a 4 pixel #761756 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #761756; -webkit-box-shadow:4px 4px  
4px 4px #761756; box-shadow:4px 4px 4px  
4px #761756 }
```

Background

The CSS property to change the background color of an element to Hex 761756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#761756 }
```

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

```
.background{ background-color:#761756 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor