

# Converting Colors

Hex(761A4B)

Have a look what the booklet for  
Hex(761A4B) contains.

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# Color

**Hex(761A4B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	761A4B
RGB	118, 26, 75
RGB Percent	46%, 10%, 29%
CMY	0.5373, 0.8980, 0.7059
CMYK	0.00, 0.78, 0.36, 0.54
HSL	328°, 64%, 28%
HSV	328°, 78%, 46%
XYZ	9.1106, 5.0983, 7.1605
YIQ	59.0940, 39.1030, 34.7430

# Conversions

## Conversions Part 2

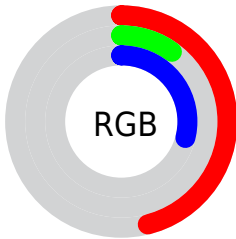
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 26, 75
Decimal	7739979
CIE <sub>Lab</sub>	27.01, 43.43, -6.57
CIE <sub>LCh</sub>	27, 43.919, 351.400
Yxy	5.0983, 0.4263, 0.2386
Android (android.graphics.Color)	4285930059 (0xFF761A4B)
YUV	59.0940, 7.8417, 51.6606
Hunter-Lab	22.5795, 32.5089, -2.9966

# Details

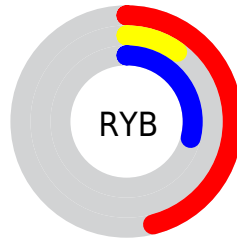
The Hex color **761A4B** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **1A7645**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **AD4F7C**, and **41001F** is the 20% darker color. If you saturate the color by 10%, you get **760E45**, and if you desaturate by 10%, it is **762651**.

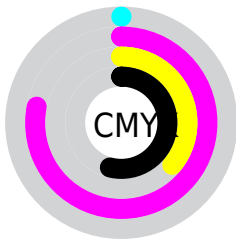
# Distribution



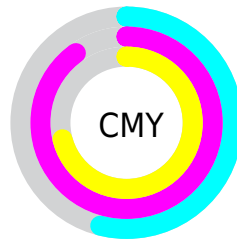
- Red (46%)
- Green (10%)
- Blue (29%)



- Red (46%)
- Yellow (10%)
- Blue (29%)



- Cyan (0%)
- Magenta (78%)
- Yellow (36%)
- Black (54%)



- Cyan (54%)
- Magenta (90%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 761A4B 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 761A4B by changing the saturation by 10% instead.



 761A4B

 761A4B

FFFFFF

 5B0034

 AD4F7C

 41001F

 CA6996

 2B0005

 E784B0

 000000

 FF9FCC

 FFBBE8

 FFD7FF

 FFF4FF

 761A4B

 761A4B

 760E45

 762651

 760240

 763256

 76003F

 763D5C

 764961

 765567

 76616C

 766D72

 767877

 76847D

# Harmonies

## Analogous

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



5E2A6A



761A4B



7A1C2A

# Triad

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



761A4B



384500



004D74

# Complementary

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



761A4B



1A7645

# 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.



004F57



761A4B



004B11

# Square

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



761A4B



573B00



004E35



004783

# Rectangle

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



761A4B



732614



004E35



004E6C



# Sweetspot

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



761A4B



997689



451A76



4D3742



CCCCCC



4D4D4D



# Same Dimension

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



761A4B



990956



761A1D



3B3538



7A0041



FA0085



# Inverse Universe

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



761A4B



990956



1A7673



3B3538



7A0041

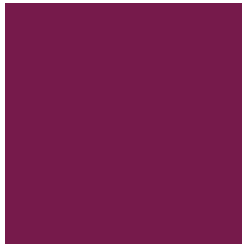


FA0085



# Previews

## White Background



This preview shows how the Hex color 761A4B looks on a white background.

## Color Contrast Check

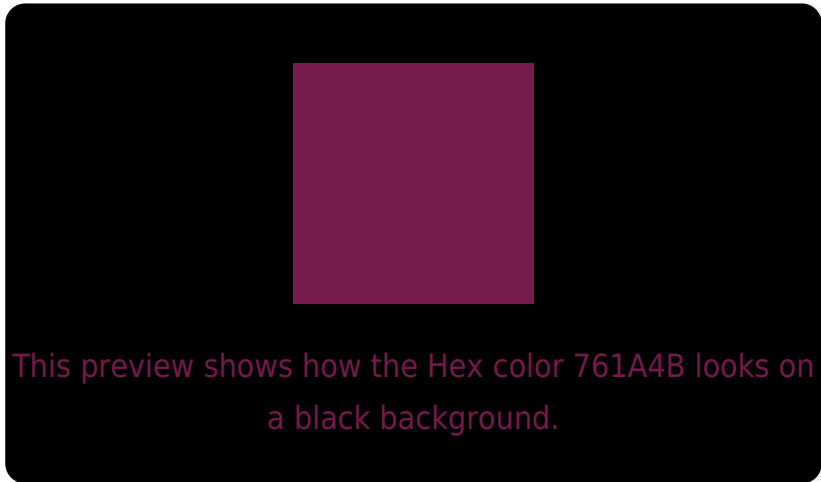
Large Text (above 18pt) WCAG AA ✓ Pass

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 761A4B Background



This preview shows how black text looks on a background with the Hex color 761A4B.

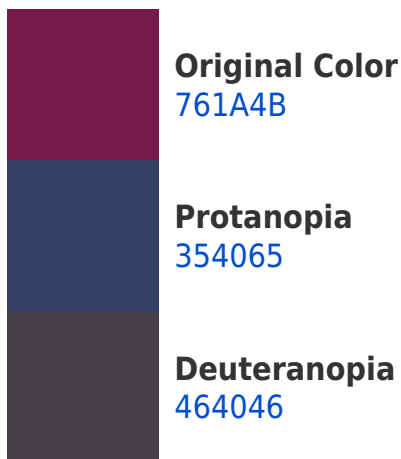


This preview shows how white text looks on a background with the Hex color 761A4B.

# 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





# Trichromacy



**Original Color**  
761A4B

**Protanomaly**  
4D325C

**Deuteranomaly**  
573248

**Tritanomaly**  
752134

# Monochromacy



**Original Color**  
761A4B

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
502F41

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 761A4B 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 #761A4B looks like.

```
.text, #text, p{  
    color:#761A4B  
}
```

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 #761A4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #761A4B
}
```

## Border

The CSS property to change the border of an element to Hex 761A4B 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
#761A4B }
```

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

```
.border{ border-color:#761A4B }
```

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

Here you see how a box with a 4 pixel #761A4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #761A4B; -webkit-box-shadow:4px 4px  
4px 4px #761A4B; box-shadow:4px 4px 4px  
4px #761A4B }
```

# Background

The CSS property to change the background color of an element to Hex 761A4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#761A4B }
```

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

```
.background{ background-color:#761A4B }
```

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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