

# Converting Colors

Hex(765137)

Have a look what the booklet for  
Hex(765137) contains.

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**Color**

**Hex(765137)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	765137
RGB	118, 81, 55
RGB Percent	46%, 32%, 22%
CMY	0.5373, 0.6824, 0.7843
CMYK	0.00, 0.31, 0.53, 0.54
HSL	25°, 36%, 34%
HSV	25°, 53%, 46%
XYZ	11.1032, 10.0122, 4.9618
YIQ	89.0990, 30.3980, -0.2420

# Conversions

## Conversions Part 2

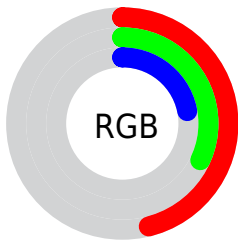
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 99, 55
Decimal	7754039
CIE <sub>Lab</sub>	37.86, 12.25, 21.43
CIE <sub>LCh</sub>	38, 24.686, 60.254
Yxy	10.0122, 0.4258, 0.3839
Android (android.graphics.Color)	4285944119 (0xFF765137)
YUV	89.0990, -16.8108, 25.3462
Hunter-Lab	31.6421, 7.2620, 12.8523

# Details

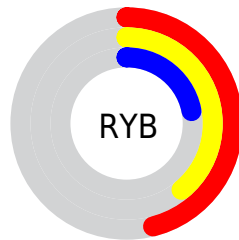
The Hex color **765137** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **375C76**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **AC8266**, and **43240C** is the 20% darker color. If you saturate the color by 10%, you get **764A2B**, and if you desaturate by 10%, it is **765843**.

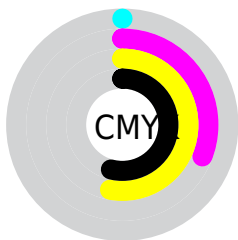
# Distribution



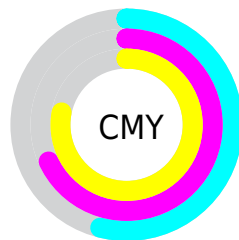
- Red (46%)
- Green (32%)
- Blue (22%)



- Red (46%)
- Yellow (39%)
- Blue (22%)



- Cyan (0%)
- Magenta (31%)
- Yellow (53%)
- Black (54%)



- Cyan (54%)
- Magenta (68%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 765137 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 765137 by changing the saturation by 10% instead.



 765137

 765137

FFFFFF

 5C3A21

 AC8266

 43240C

 C89D7F

 2B1000

 E5B799

 080000

 FFD3B4

 000000

 FFEFD0

 FFFFEC

 765137

 765137

 764A2B

 765843

 76431F

 765F4F

 763C14

 76665A

 763508

 766D66

 763100

 767472

 767B7E

 76828A

 768895

 768FA1

# Harmonies

## Analogous

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



7F4B46



765137



665831

# Triad

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



765137



1C6459



5B547C

# Complementary

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



765137



375C76

# 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.



3C5B81



765137



00636D

# Square

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



765137



396245



14607B



724D6D

# Rectangle

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



765137



585C33



14607B



52567E



# Sweetspot

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



765137



998B81



76375D



4D443E



CCCCCC



4D4D4D



# Same Dimension

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



765137



995F37



767037



3B3735



7A3300



FA6700



# Inverse Universe

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



375C76



377199



373D76



35383B



00487A

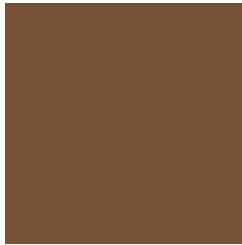


0093FA



# Previews

## White Background



This preview shows how the Hex color 765137 looks on a white background.

## Color Contrast Check

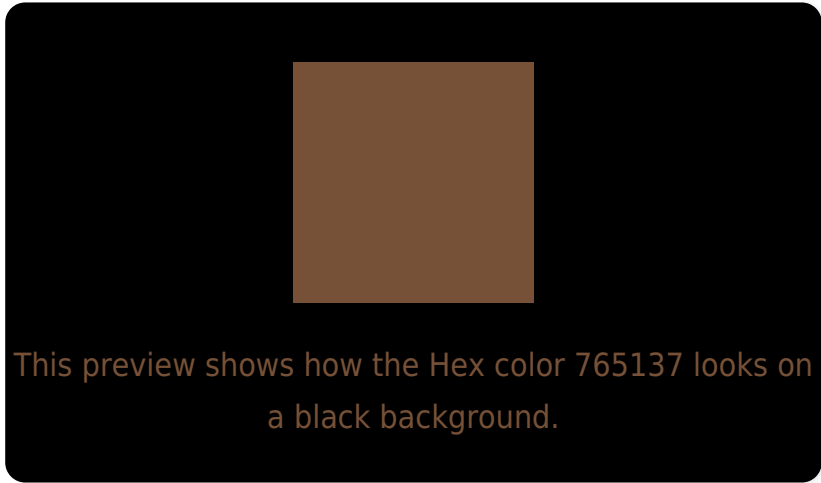
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

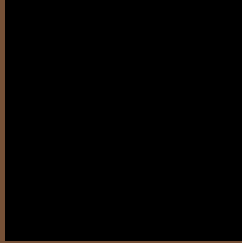
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 765137 Background



This preview shows how black text looks on a background with the Hex color 765137.



This preview shows how white text looks on a background with the Hex color 765137.

# 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



**Original Color**  
765137

**Protanopia**  
61593A

**Deuteranopia**  
6C5536



**Tritanopia**  
784D53

# Trichromacy



**Original Color**

765137

**Protanomaly**

695639

**Deuteranomaly**

705436

**Tritanomaly**

774E49

# Monochromacy



**Original Color**

765137

**Achromatopsia**

595959

**Achromatomaly**

64564D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 765137 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 #765137 looks like.

```
.text, #text, p{  
    color:#765137  
}
```

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 #765137 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #765137
}
```

## Border

The CSS property to change the border of an element to Hex 765137 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
#765137 }
```

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

```
.border{ border-color:#765137 }
```

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

Here you see how a box with a 4 pixel #765137 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #765137; -webkit-box-shadow:4px 4px  
4px 4px #765137; box-shadow:4px 4px 4px  
4px #765137 }
```

# Background

The CSS property to change the background color of an element to Hex 765137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#765137 }
```

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

```
.background{ background-color:#765137 }
```

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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