

Converting Colors

Hex(7F5537)

Have a look what the booklet for
Hex(7F5537) contains.

Hex(7F5537)	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(7F5537)

Conversions

Conversions Part 1

Format	Color
Hex	7F5537
RGB	127, 85, 55
RGB Percent	50%, 33%, 22%
CMY	0.5020, 0.6667, 0.7843
CMYK	0.00, 0.33, 0.57, 0.50
HSL	25°, 40%, 36%
HSV	25°, 57%, 50%
XYZ	12.6905, 11.2849, 5.1238
YIQ	94.1380, 34.6620, -0.4260

Conversions

Conversions Part 2

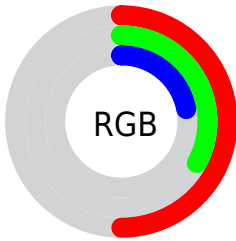
Format	Color
R_{YB}	127, 106, 55
Decimal	8344887
CIE _{Lab}	40.06, 13.93, 24.44
CIE _{LCh}	40, 28.135, 60.316
Yxy	11.2849, 0.4361, 0.3878
Android (android.graphics.Color)	4286534967 (0xFF7F5537)
YUV	94.1380, -19.2950, 28.8200
Hunter-Lab	33.5929, 8.6447, 14.4719

Details

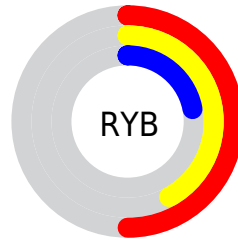
The Hex color **7F5537** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **37617F**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **B68766**, and **4B280B** is the 20% darker color. If you saturate the color by 10%, you get **7F4E2A**, and if you desaturate by 10%, it is **7F5C44**.

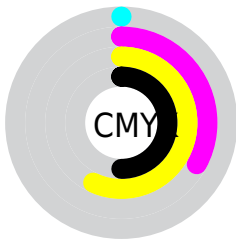
Distribution



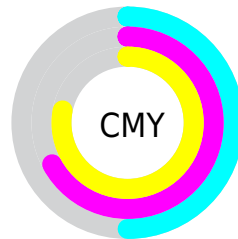
- Red (50%)
- Green (33%)
- Blue (22%)



- Red (50%)
- Yellow (42%)
- Blue (22%)



- Cyan (0%)
- Magenta (33%)
- Yellow (57%)
- Black (50%)



- Cyan (50%)
- Magenta (67%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F5537 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 7F5537 by changing the saturation by 10% instead.

 7F5537

 7F5537

FFFFFF

 653E21

 B68766

 4B280B

 D2A180

 321300

 F0BC9A

 1B0001

 FFD8B5

 000000

 FFF4D0

 FFFFED

 7F5537

 7F5537

 7F4E2A

 7F5C44

■ 7F461E

■ 7F6450

■ 7F3F11

■ 7F6B5D

■ 7F3704

■ 7F736A

■ 7F3500

■ 7F7A77

■ 7F8183

■ 7F8990

■ 7F909D

■ 7F98A9

Harmonies

Analogous

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



894E48



7F5537



6D5D30

Triad

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



7F5537



0F6A5E



615886

Complementary

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



7F5537



37617F

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.



3A618C



7F5537



006A75

Square

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



7F5537



396847



006786



7B5075

Rectangle

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



7F5537



5D6232



006786



555B89

Sweetspot

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



7F5537



A6958A



7F3761



544A43



D4D4D4



545454

Same Dimension

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



7F5537



A66435



7F7837



403C39



803500



000000

Inverse Universe

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



37617F



3577A6



373D7F



393D40



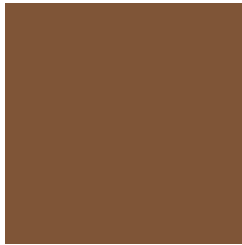
004A80



000000

Previews

White Background



This preview shows how the Hex color 7F5537 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

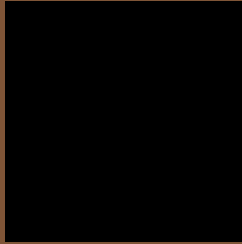
Any Text WCAG AA × Fail

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 7F5537 Background



This preview shows how black text looks on a background with the Hex color 7F5537.



This preview shows how white text looks on a background with the Hex color 7F5537.

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
7F5537

Protanopia
675F3B

Deuteranopia
745A36



Tritanopia
815157

Trichromacy



Original Color
7F5537

Protanomaly
705B3A

Deuteranomaly
785836

Tritanomaly
80524B

Monochromacy



Original Color
7F5537

Achromatopsia
5E5E5E

Achromatomaly
6A5B50

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F5537 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 #7F5537 looks like.

```
.text, #text, p{  
    color:#7F5537  
}
```

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 #7F5537 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F5537
}
```

Border

The CSS property to change the border of an element to Hex 7F5537 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
#7F5537 }
```

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

```
.border{ border-color:#7F5537 }
```

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

Here you see how a box with a 4 pixel #7F5537 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F5537; -webkit-box-shadow:4px 4px  
4px 4px #7F5537; box-shadow:4px 4px 4px  
4px #7F5537 }
```

Background

The CSS property to change the background color of an element to Hex 7F5537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F5537 }
```

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

```
.background{ background-color:#7F5537 }
```

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