

Converting Colors

Hex(7C7C35)

Have a look what the booklet for
Hex(7C7C35) contains.

Hex(7C7C35)	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(7C7C35)

Conversions

Conversions Part 1

Format	Color
Hex	7C7C35
RGB	124, 124, 53
RGB Percent	49%, 49%, 21%
CMY	0.5137, 0.5137, 0.7922
CMYK	0.00, 0.00, 0.57, 0.51
HSL	60°, 40%, 35%
HSV	60°, 57%, 49%
XYZ	16.1624, 18.9574, 6.1755
YIQ	115.9060, 22.7910, -22.0810

Conversions

Conversions Part 2

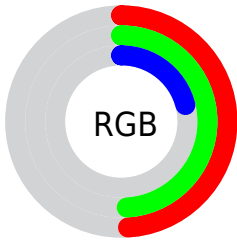
Format	Color
RYB	53, 124, 53
Decimal	8158261
CIELab	50.64, -10.22, 38.05
CIELCh	51, 39.399, 105.037
Yxy	18.9574, 0.3914, 0.4591
Android (android.graphics.Color)	4286348341 (0xFF7C7C35)
YUV	115.9060, -31.0127, 7.0984
Hunter-Lab	43.5401, -9.9346, 22.0688

Details

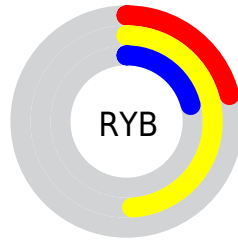
The Hex color **7C7C35** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **35357C**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **B2B066**, and **494B02** is the 20% darker color. If you saturate the color by 10%, you get **7C7C29**, and if you desaturate by 10%, it is **7C7C41**.

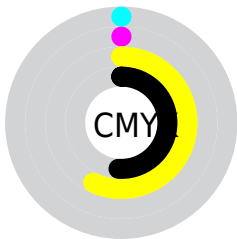
Distribution



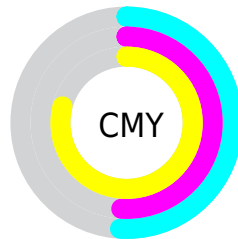
- Red (49%)
- Green (49%)
- Blue (21%)



- Red (21%)
- Yellow (49%)
- Blue (21%)



- Cyan (0%)
- Magenta (0%)
- Yellow (57%)
- Black (51%)



- Cyan (51%)
- Magenta (51%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C7C35 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 7C7C35 by changing the saturation by 10% instead.

 7C7C35

 7C7C35

FFFFFF

 62631D

 B2B066

 494B02

 CECC80

 313500

 EBE89B

 192000

 FFFFB6

 000400

 FFFF D2

 000000

 FFFFEE

 7C7C35

 7C7C35

 7C7C29

 7C7C41

 7C7C1C

 7C7C4E

 7C7C10

 7C7C5A

 7C7C03

 7C7C67

 7C7C00

 7C7C73

 7C7C7F

 7C7C8C

 7C7C98

 7C7CA5

Harmonies

Analogous

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



9B7137



7C7C35



568447

Triad

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



7C7C35



0087A7



AE5E8B

Complementary

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



7C7C35



35357C

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.



9169A8



7C7C35



0081B9

Square

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



7C7C35



008A89



5F76B9



B85D69

Rectangle

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



7C7C35



35875B



5F76B9



A76196

Sweetspot

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



7C7C35



A1A185



7C3535



525241



D1D1D1



525252

Same Dimension

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



7C7C35



A1A132



587C35



3D3D37



7D7D00



FCFC00

Inverse Universe

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



35357C



3232A1



58357C



37373D



00007D



0000FC

Previews

White Background



This preview shows how the Hex color 7C7C35 looks on a white background.

Color Contrast Check

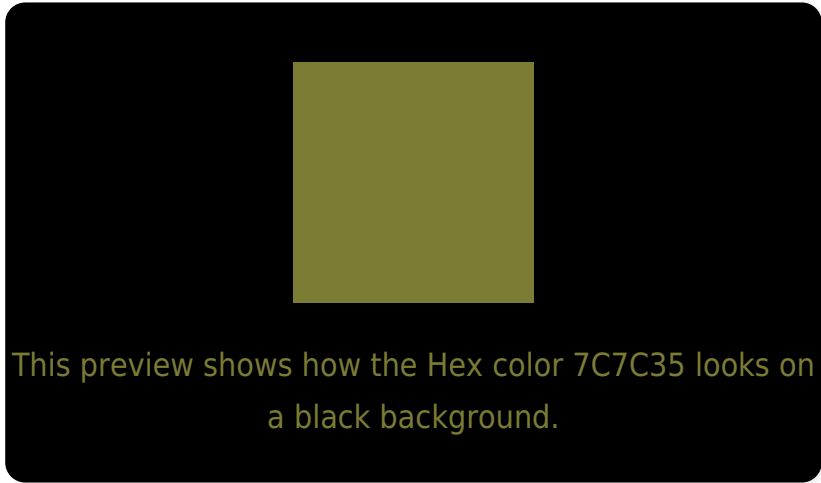
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

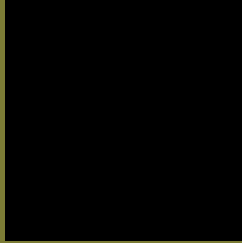
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 7C7C35 Background



This preview shows how black text looks on a background with the Hex color 7C7C35.



This preview shows how white text looks on a background with the Hex color 7C7C35.

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
7C7C35

Protanopia
867934

Deuteranopia
957338



Tritanopia
83747E

Trichromacy



Original Color
7C7C35

Protanomaly
827A34

Deuteranomaly
8C7637

Tritanomaly
807763

Monochromacy



Original Color
7C7C35

Achromatopsia
747474

Achromatomaly
77775D

CSS Examples

Text

The CSS property to change the color of the text to Hex 7C7C35 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 #7C7C35 looks like.

```
.text, #text, p{  
    color:#7C7C35  
}
```

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 #7C7C35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C7C35
}
```

Border

The CSS property to change the border of an element to Hex 7C7C35 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
#7C7C35 }
```

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

```
.border{ border-color:#7C7C35 }
```

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

Here you see how a box with a 4 pixel #7C7C35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C7C35; -webkit-box-shadow:4px 4px  
4px 4px #7C7C35; box-shadow:4px 4px 4px  
4px #7C7C35 }
```

Background

The CSS property to change the background color of an element to Hex 7C7C35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C7C35 }
```

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

```
.background{ background-color:#7C7C35 }
```

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