

Converting Colors

Hex(787030)

Have a look what the booklet for
Hex(787030) contains.

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Color

Hex(787030)

Conversions

Conversions Part 1

Format	Color
Hex	787030
RGB	120, 112, 48
RGB Percent	47%, 44%, 19%
CMY	0.5294, 0.5608, 0.8118
CMYK	0.00, 0.07, 0.60, 0.53
HSL	53°, 43%, 33%
HSV	53°, 60%, 47%
XYZ	14.0734, 15.7948, 5.1033
YIQ	107.0960, 25.3120, -18.2080

Conversions

Conversions Part 2

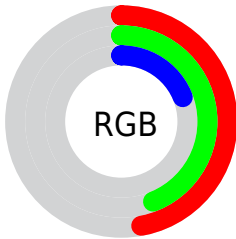
Format	Color
RYB	57, 120, 48
Decimal	7893040
CIELab	46.70, -5.76, 36.00
CIELCh	47, 36.459, 99.086
Yxy	15.7948, 0.4024, 0.4516
Android (android.graphics.Color)	4286083120 (0xFF787030)
YUV	107.0960, -29.1343, 11.3168
Hunter-Lab	39.7427, -6.3405, 20.2066

Details

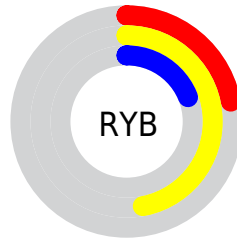
The Hex color **787030** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **303878**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **AEA461**, and **454100** is the 20% darker color. If you saturate the color by 10%, you get **786F24**, and if you desaturate by 10%, it is **78713C**.

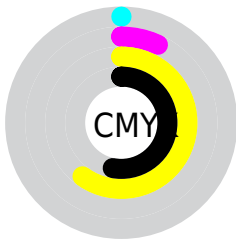
Distribution



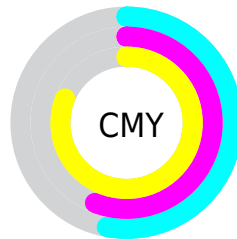
- Red (47%)
- Green (44%)
- Blue (19%)



- Red (22%)
- Yellow (47%)
- Blue (19%)



- Cyan (0%)
- Magenta (7%)
- Yellow (60%)
- Black (53%)



- Cyan (53%)
- Magenta (56%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 787030 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 787030 by changing the saturation by 10% instead.

 787030

 787030

FFFFFF

 5E5818

 AEA461

 454100

 CABF7A

 2D2B00

 E7DA94

 141700

 FFF7AF

 000000

 FFFF CB

 FFFF E7

 787030

 787030

 786F24

 78713C

■ 786D18

■ 787348

■ 786C0C

■ 787454

■ 786B00

■ 787560

■ 78776C

■ 787878

■ 787984

■ 787B90

■ 787C9C

Harmonies

Analogous

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



936535



787030



57783D

Triad

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



787030



007D94



9C5885

Complementary

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



787030



303878

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.



7D639E



787030



0078A7

Square

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



787030



007E77



4C6FAB



A85566

Rectangle

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



787030



3C7B4E



4C6FAB



945B8F

Sweetspot

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



787030



9C9880



783038



4F4D3E



CFCFCF



4F4F4F

Same Dimension

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



787030



9C8F2C



5C7830



3D3D37



7D6F00



FCE000

Inverse Universe

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



303878



2C389C



4C3078



37383D



000E7D



001CFC

Previews

White Background



This preview shows how the Hex color 787030 looks on a white background.

Color Contrast Check

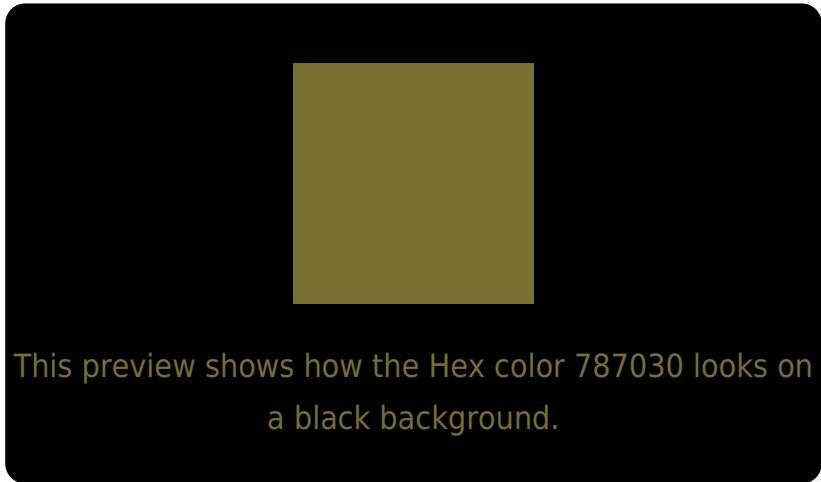
Large Text (above 18pt) WCAG AA ✓ Pass

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

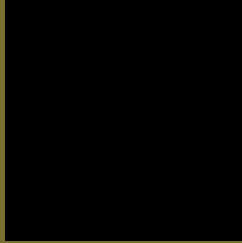
Any Text WCAG AA × Fail

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 787030 Background



This preview shows how black text looks on a background with the Hex color 787030.



This preview shows how white text looks on a background with the Hex color 787030.

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
787030

Protanopia
7B6F30

Deuteranopia
896932



Tritanopia
7E6971

Trichromacy



Original Color
787030

Protanomaly
7A6F30

Deuteranomaly
836C31

Tritanomaly
7C6C59

Monochromacy



Original Color
787030

Achromatopsia
6B6B6B

Achromatomaly
706D56

CSS Examples

Text

The CSS property to change the color of the text to Hex 787030 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 #787030 looks like.

```
.text, #text, p{  
    color:#787030  
}
```

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 #787030 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #787030
}
```

Border

The CSS property to change the border of an element to Hex 787030 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
#787030 }
```

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

```
.border{ border-color:#787030 }
```

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

Here you see how a box with a 4 pixel #787030 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #787030; -webkit-box-shadow:4px 4px  
4px 4px #787030; box-shadow:4px 4px 4px  
4px #787030 }
```

Background

The CSS property to change the background color of an element to Hex 787030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#787030 }
```

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

```
.background{ background-color:#787030 }
```

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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