

Converting Colors

Hex(787021)

Have a look what the booklet for
Hex(787021) contains.

Hex(787021)	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(787021)

Conversions

Conversions Part 1

Format	Color
Hex	787021
RGB	120, 112, 33
RGB Percent	47%, 44%, 13%
CMY	0.5294, 0.5608, 0.8706
CMYK	0.00, 0.07, 0.72, 0.53
HSL	54°, 57%, 30%
HSV	54°, 72%, 47%
XYZ	13.8144, 15.6912, 3.7395
YIQ	105.3860, 30.1270, -22.8730

Conversions

Conversions Part 2

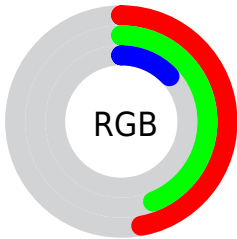
Format	Color
R_{YB}	42, 120, 33
Decimal	7893025
CIE Lab	46.57, -6.80, 42.86
CIE LCh	47, 43.400, 99.012
Yxy	15.6912, 0.4155, 0.4720
Android (android.graphics.Color)	4286083105 (0xFF787021)
YUV	105.3860, -35.6863, 12.8165
Hunter-Lab	39.6121, -7.0708, 22.1314

Details

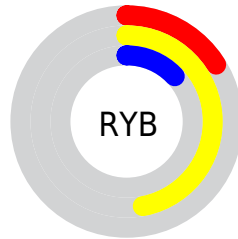
The Hex color **787021** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **212978**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **AFA353**, and **454100** is the 20% darker color. If you saturate the color by 10%, you get **786F15**, and if you desaturate by 10%, it is **78712D**.

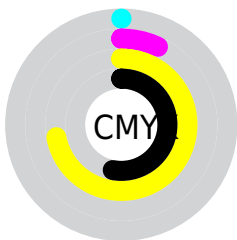
Distribution



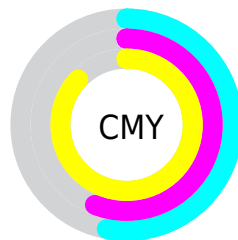
- Red (47%)
- Green (44%)
- Blue (13%)



- Red (16%)
- Yellow (47%)
- Blue (13%)



- Cyan (0%)
- Magenta (7%)
- Yellow (72%)
- Black (53%)



- Cyan (53%)
- Magenta (56%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 787021 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 787021 by changing the saturation by 10% instead.

 787021

 787021

FFFFFF

 5E5804

 AFA353

 454100

 CBBE6C

 2C2B00

 E8DA86

 121700

 FFF7A1

 000000

 FFFFBD

 FFFF99

 FFFFF6

 787021

 787021

■ 786F15

■ 78712D

■ 786E09

■ 787239

■ 786D00

■ 787345

■ 787451

■ 78765D

■ 787769

■ 787875

■ 787981

■ 787A8D

Harmonies

Analogous

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



976329



787021



517933

Triad

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



787021



007F9B



A35289

Complementary

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



787021



212978

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.



7F60A7



787021



0079B2

Square

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



787021



008079



3D6FB6



B14E65

Rectangle

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



787021



2D7D47



3D6FB6



9A5694

Sweetspot

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



787021



9C9879



78212A



4F4D3A



CFCFCF



4F4F4F

Same Dimension

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



787021



9C8F14



557821



3D3D37



7D7100



FCE500

Inverse Universe

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



212978



14219C



442178



37383D



000B7D



0017FC

Previews

White Background



This preview shows how the Hex color 787021 looks on a white background.

Color Contrast Check

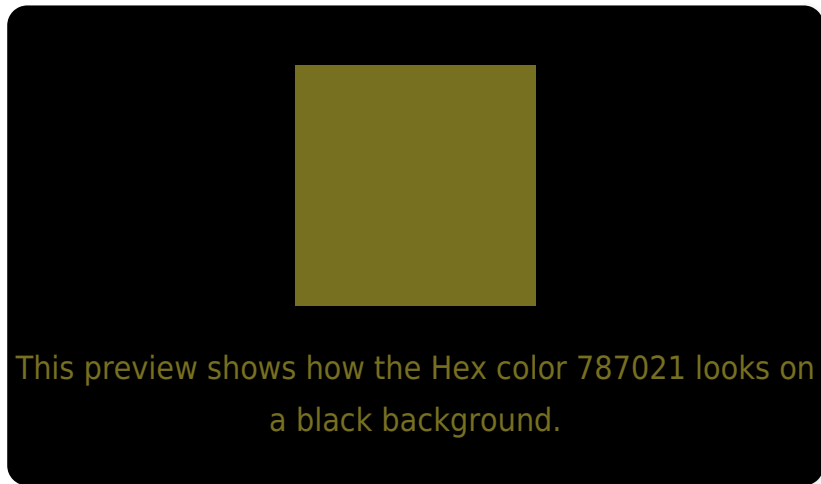
Large Text (above 18pt) WCAG AA ✓ Pass

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 787021 Background



This preview shows how black text looks on a background with the Hex color 787021.



This preview shows how white text looks on a background with the Hex color 787021.

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
787021

Protanopia
7C6F21

Deuteranopia
8A6924



Tritanopia
7E6971

Trichromacy



Original Color
787021

Protanomaly
7B6F21

Deuteranomaly
836C23

Tritanomaly
7C6C54

Monochromacy



Original Color
787021

Achromatopsia
696969

Achromatomaly
6E6C4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 787021 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 #787021 looks like.

```
.text, #text, p{  
    color:#787021  
}
```

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 #787021 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #787021
}
```

Border

The CSS property to change the border of an element to Hex 787021 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
#787021 }
```

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

```
.border{ border-color:#787021 }
```

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

Here you see how a box with a 4 pixel #787021 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #787021; -webkit-box-shadow:4px 4px  
4px 4px #787021; box-shadow:4px 4px 4px  
4px #787021 }
```

Background

The CSS property to change the background color of an element to Hex 787021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#787021 }
```

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

```
.background{ background-color:#787021 }
```

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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