

Converting Colors

Hex(787C29)

Have a look what the booklet for
Hex(787C29) contains.

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Color

Hex(787C29)

Conversions

Conversions Part 1

Format	Color
Hex	787C29
RGB	120, 124, 41
RGB Percent	47%, 49%, 16%
CMY	0.5294, 0.5137, 0.8392
CMYK	0.03, 0.00, 0.67, 0.51
HSL	63°, 50%, 32%
HSV	63°, 67%, 49%
XYZ	15.3536, 18.5685, 4.8727
YIQ	113.3420, 24.2590, -26.6610

Conversions

Conversions Part 2

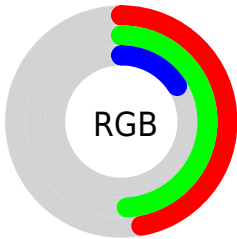
Format	Color
R_{YB}	41, 124, 45
Decimal	7896105
CIE Lab	50.18, -12.94, 43.09
CIE LCh	50, 44.996, 106.718
Yxy	18.5685, 0.3958, 0.4786
Android (android.graphics.Color)	4286086185 (0xFF787C29)
YUV	113.3420, -35.6646, 5.8391
Hunter-Lab	43.0911, -11.8089, 23.4594

Details

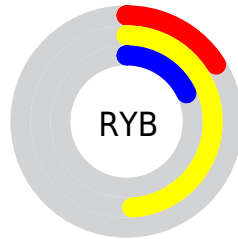
The Hex color **787C29** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2D297C**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **AEB05B**, and **454B00** is the 20% darker color. If you saturate the color by 10%, you get **777C1D**, and if you desaturate by 10%, it is **797C35**.

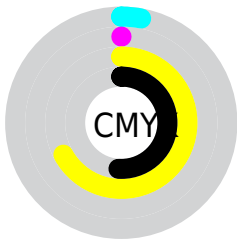
Distribution



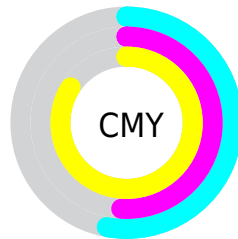
- Red (47%)
- Green (49%)
- Blue (16%)



- Red (16%)
- Yellow (49%)
- Blue (18%)



- Cyan (3%)
- Magenta (0%)
- Yellow (67%)
- Black (51%)



- Cyan (53%)
- Magenta (51%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 787C29 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 787C29 by changing the saturation by 10% instead.

 787C29

 787C29

FFFFFF

 5E630E

 AEB05B

 454B00

 CBCC75

 2C3500

 E7E88F

 142000

 FFFFAA

 000100

 FFFFC6

 000000

 FFFFE2

 787C29

 787C29

 777C1D

 797C35

■ 777C10

■ 797C42

■ 767C04

■ 7A7C4E

■ 767C00

■ 7A7C5B

■ 7B7C67

■ 7C7C73

■ 7C7C80

■ 7D7C8C

■ 7D7C99

Harmonies

Analogous

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



9B6F2A



787C29



4C8540

Triad

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



787C29



0088AE



B5588A

Complementary

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



787C29



2D297C

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.



9564AC



787C29



0080C2

Square

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



787C29



008A8C



5B74C1



BE5663

Rectangle

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



787C29



1C8858



5B74C1



AD5B96

Sweetspot

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



787C29



9FA181



7C2C29



51523E



D1D1D1



525252

Same Dimension

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



787C29



9AA120



507C29



3D3D37



777D00



F0FC00

Inverse Universe

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



2D297C



2620A1



55297C



37373D



06007D



0C00FC

Previews

White Background



This preview shows how the Hex color 787C29 looks on a white background.

Color Contrast Check

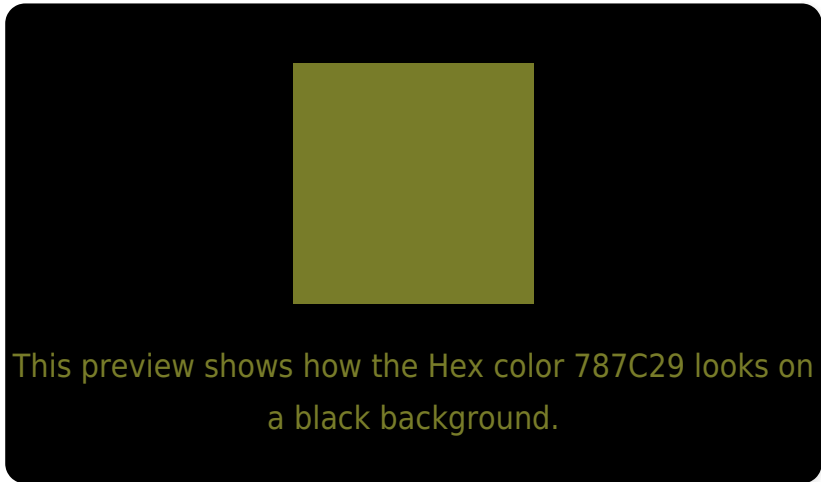
Large Text (above 18pt) WCAG AA ✓ Pass

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

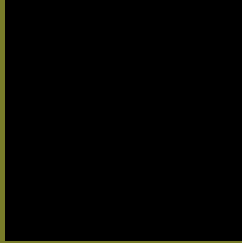
Any Text WCAG AA ✓ Pass

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 787C29 Background



This preview shows how black text looks on a background with the Hex color 787C29.



This preview shows how white text looks on a background with the Hex color 787C29.

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
787C29

Protanopia
867828

Deuteranopia
95712D



Tritanopia
80747D

Trichromacy



Original Color
787C29

Protanomaly
817928

Deuteranomaly
8A752C

Tritanomaly
7D775E

Monochromacy



Original Color
787C29

Achromatopsia
717171

Achromatomaly
747557

CSS Examples

Text

The CSS property to change the color of the text to Hex 787C29 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 #787C29 looks like.

```
.text, #text, p{  
    color:#787C29  
}
```

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 #787C29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #787C29
}
```

Border

The CSS property to change the border of an element to Hex 787C29 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
#787C29 }
```

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

```
.border{ border-color:#787C29 }
```

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

Here you see how a box with a 4 pixel #787C29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #787C29; -webkit-box-shadow:4px 4px  
4px 4px #787C29; box-shadow:4px 4px 4px  
4px #787C29 }
```

Background

The CSS property to change the background color of an element to Hex 787C29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#787C29 }
```

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

```
.background{ background-color:#787C29 }
```

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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