

Converting Colors

Hex(786728)

Have a look what the booklet for
Hex(786728) contains.

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Color

Hex(786728)

Conversions

Conversions Part 1

Format	Color
Hex	786728
RGB	120, 103, 40
RGB Percent	47%, 40%, 16%
CMY	0.5294, 0.5961, 0.8431
CMYK	0.00, 0.14, 0.67, 0.53
HSL	47°, 50%, 31%
HSV	47°, 67%, 47%
XYZ	12.9790, 13.8468, 3.9961
YIQ	100.9010, 30.3550, -15.9890

Conversions

Conversions Part 2

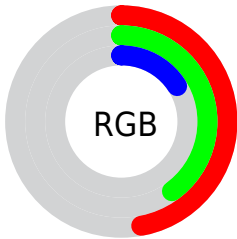
Format	Color
RYB	62, 120, 40
Decimal	7890728
CIELab	44.01, -1.20, 37.01
CIElCh	44, 37.025, 91.854
Yxy	13.8468, 0.4211, 0.4493
Android (android.graphics.Color)	4286080808 (0xFF786728)
YUV	100.9010, -30.0242, 16.7498
Hunter-Lab	37.2112, -2.8603, 19.6807

Details

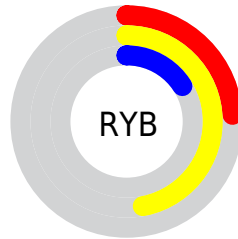
The Hex color **786728** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **283978**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **AF9A58**, and **453800** is the 20% darker color. If you saturate the color by 10%, you get **78641C**, and if you desaturate by 10%, it is **786A34**.

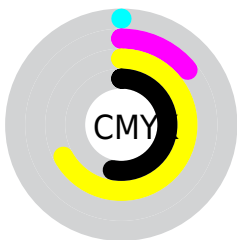
Distribution



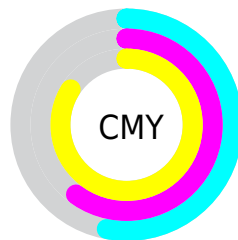
- Red (47%)
- Green (40%)
- Blue (16%)



- Red (24%)
- Yellow (47%)
- Blue (16%)



- Cyan (0%)
- Magenta (14%)
- Yellow (67%)
- Black (53%)



- Cyan (53%)
- Magenta (60%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 786728 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 786728 by changing the saturation by 10% instead.

 786728

 786728

FFFFFF

 5E4F10

 AF9A58

 453800

 CBB571

 2C2300

 E8D08C

 120E00

 FFECA6

 000000

 FFFFC2

 FFFFDE

 FFFFFB

 786728

 786728

■ 78641C

■ 786A34

■ 786210

■ 786C40

■ 785F04

■ 786F4C

■ 785F00

■ 787158

■ 787464

■ 787670

■ 78797C

■ 787B88

■ 787E94

Harmonies

Analogous

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



915C32



786728



597031

Triad

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



786728



007788



8F5486

Complementary

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



786728



283978

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.



6C5F9C



786728



00739E

Square

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



786728



007769



326BA5



A04E67

Rectangle

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



786728



3F7441



326BA5



86578E

Sweetspot

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



786728



9C957C



782839



4F4B3C



CFCFCF



4F4F4F

Same Dimension

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



786728



9C811F



617828



3D3C37



7D6200



FCC700

Inverse Universe

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



283978



1F3A9C



3F2878



37383D



001B7D



0036FC

Previews

White Background



This preview shows how the Hex color 786728 looks on a white background.

Color Contrast Check

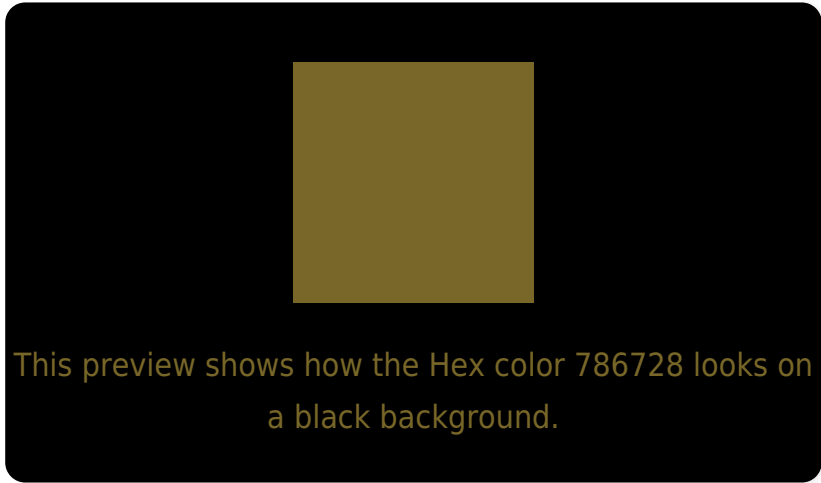
Large Text (above 18pt) WCAG AA ✓ Pass

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

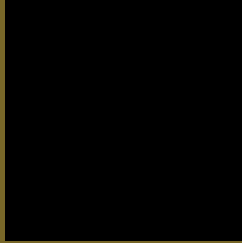
Any Text WCAG AA × Fail

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 786728 Background



This preview shows how black text looks on a background with the Hex color 786728.



This preview shows how white text looks on a background with the Hex color 786728.

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
786728

Protanopia
746828

Deuteranopia
826329



Tritanopia
7D6168

Trichromacy



Original Color
786728

Protanomaly
756828

Deuteranomaly
7E6429

Tritanomaly
7B6351

Monochromacy



Original Color
786728

Achromatopsia
656565

Achromatomaly
6C664F

CSS Examples

Text

The CSS property to change the color of the text to Hex 786728 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 #786728 looks like.

```
.text, #text, p{  
    color:#786728  
}
```

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 #786728 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #786728
}
```

Border

The CSS property to change the border of an element to Hex 786728 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
#786728 }
```

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

```
.border{ border-color:#786728 }
```

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

Here you see how a box with a 4 pixel #786728 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #786728; -webkit-box-shadow:4px 4px  
4px 4px #786728; box-shadow:4px 4px 4px  
4px #786728 }
```

Background

The CSS property to change the background color of an element to Hex 786728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#786728 }
```

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

```
.background{ background-color:#786728 }
```

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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