

Converting Colors

Hex(787013)

Have a look what the booklet for
Hex(787013) contains.

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Color

Hex(787013)

Conversions

Conversions Part 1

Format	Color
Hex	787013
RGB	120, 112, 19
RGB Percent	47%, 44%, 7%
CMY	0.5294, 0.5608, 0.9255
CMYK	0.00, 0.07, 0.84, 0.53
HSL	55°, 73%, 27%
HSV	55°, 84%, 47%
XYZ	13.6574, 15.6284, 2.9129
YIQ	103.7900, 34.6210, -27.2270

Conversions

Conversions Part 2

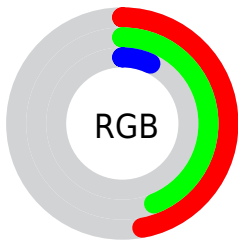
Format	Color
R_{YB}	28, 120, 19
Decimal	7893011
CIE _{Lab}	46.48, -7.44, 47.91
CIE _{LCh}	46, 48.488, 98.823
Yxy	15.6284, 0.4242, 0.4854
Android (android.graphics.Color)	4286083091 (0xFF787013)
YUV	103.7900, -41.8015, 14.2162
Hunter-Lab	39.5328, -7.5158, 23.3044

Details

The Hex color **787013** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **131B78**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **AFA348**, and **444100** is the 20% darker color. If you saturate the color by 10%, you get **786F07**, and if you desaturate by 10%, it is **78711F**.

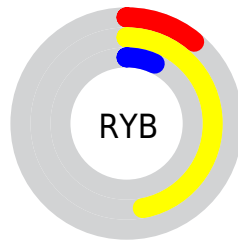
Distribution



Red (47%)

Green (44%)

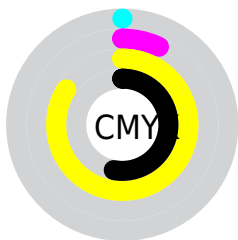
Blue (7%)



Red (11%)

Yellow (47%)

Blue (7%)

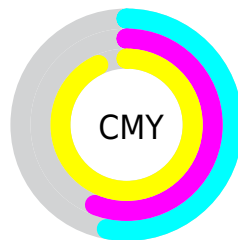


Cyan (0%)

Magenta (7%)

Yellow (84%)

Black (53%)



Cyan (53%)

Magenta (56%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 787013 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 787013 by changing the saturation by 10% instead.

 787013

 787013

FFFFFF

 5D5800

 AFA348

 444100

 CCBE62

 2B2B00

 E9DA7C

 101700

 FFF797

 000000

 FFFFB2

 FFFFCE

 FFFFEB

 787013

 787013

■ 786F07

■ 78711F

■ 786E00

■ 78722B

■ 787337

■ 787443

■ 78754F

■ 78765B

■ 787767

■ 787873

■ 78797F

Harmonies

Analogous

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



9A611E



787013



4C7A2A

Triad

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



787013



0080A0



A84D8C

Complementary

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



787013



131B78

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.



805EAE



787013



007ABA

Square

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



787013



008279



2D6FBF



B84764

Rectangle

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



787013



1E7E42



2D6FBF



9E5299

Sweetspot

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



787013



9C9875



78131B



4F4D37



CFCFCF



4F4F4F

Same Dimension

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



787013



9C8F00



4E7813



3D3D37



7D7300



FCE800

Inverse Universe

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



131B78



000C9C



3D1378



37383D



000A7D



0014FC

Previews

White Background



This preview shows how the Hex color 787013 looks on a white background.

Color Contrast Check

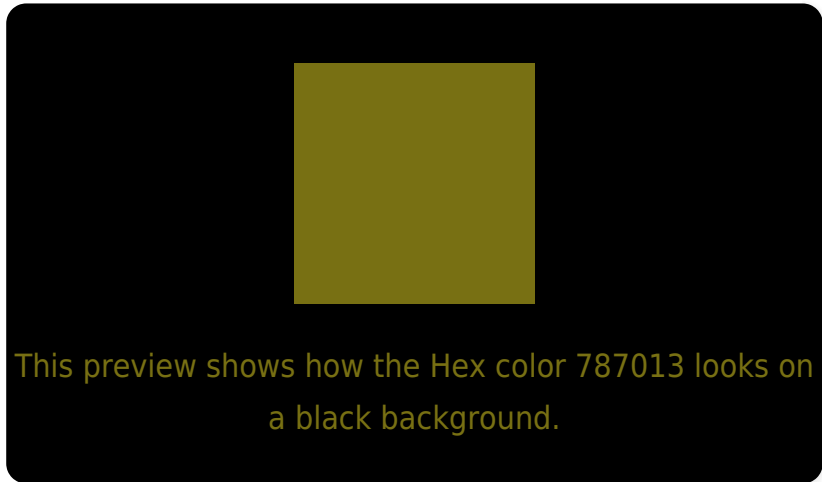
Large Text (above 18pt) WCAG AA ✓ Pass

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 787013 Background



This preview shows how black text looks on a background with the Hex color 787013.



This preview shows how white text looks on a background with the Hex color 787013.

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
787013

Protanopia
7C6F13

Deuteranopia
8B6918



Tritanopia
7F6870

Trichromacy



Original Color
787013

Protanomaly
7B6F13

Deuteranomaly
846C16

Tritanomaly
7C6B4E

Monochromacy



Original Color
787013

Achromatopsia
686868

Achromatomaly
6E6B49

CSS Examples

Text

The CSS property to change the color of the text to Hex 787013 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 #787013 looks like.

```
.text, #text, p{  
    color:#787013  
}
```

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 #787013 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #787013
}
```

Border

The CSS property to change the border of an element to Hex 787013 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
#787013 }
```

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

```
.border{ border-color:#787013 }
```

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

Here you see how a box with a 4 pixel #787013 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #787013; -webkit-box-shadow:4px 4px  
4px 4px #787013; box-shadow:4px 4px 4px  
4px #787013 }
```

Background

The CSS property to change the background color of an element to Hex 787013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#787013 }
```

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

```
.background{ background-color:#787013 }
```

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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