

Converting Colors

Hex(786313)

Have a look what the booklet for
Hex(786313) contains.

Hex(786313)	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(786313)

Conversions

Conversions Part 1

Format	Color
Hex	786313
RGB	120, 99, 19
RGB Percent	47%, 39%, 7%
CMY	0.5294, 0.6118, 0.9255
CMYK	0.00, 0.18, 0.84, 0.53
HSL	48°, 73%, 27%
HSV	48°, 84%, 47%
XYZ	12.3251, 12.9638, 2.4687
YIQ	96.1590, 38.1960, -20.4280

Conversions

Conversions Part 2

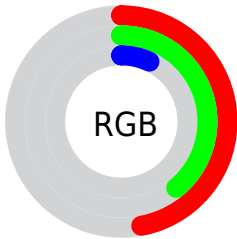
Format	Color
R_{YB}	46, 120, 19
Decimal	7889683
CIE _{Lab}	42.71, 0.02, 44.61
CIE _{LCh}	43, 44.615, 89.970
Yxy	12.9638, 0.4440, 0.4670
Android (android.graphics.Color)	4286079763 (0xFF786313)
YUV	96.1590, -38.0394, 20.9086
Hunter-Lab	36.0052, -1.9060, 21.1384

Details

The Hex color **786313** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **132878**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **AF9546**, and **443500** is the 20% darker color. If you saturate the color by 10%, you get **786107**, and if you desaturate by 10%, it is **78651F**.

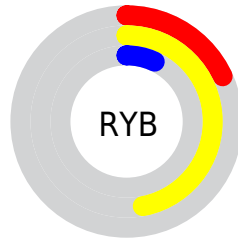
Distribution



Red (47%)

Green (39%)

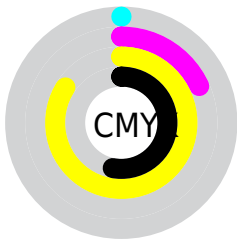
Blue (7%)



Red (18%)

Yellow (47%)

Blue (7%)

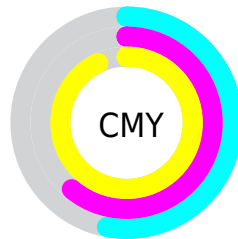


Cyan (0%)

Magenta (18%)

Yellow (84%)

Black (53%)



Cyan (53%)

Magenta (61%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 786313 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 786313 by changing the saturation by 10% instead.

 786313

 786313

FFFFFF

 5D4B00

 AF9546

 443500

 CCB05F

 2A2000

 E9CB79

 0F0900

 FFE794

 000000

 FFFF4F

 FFFF4B

 FFFF47

 786313

 786313

■ 786107

■ 78651F

■ 785F00

■ 78682B

■ 786A37

■ 786D43

■ 786F4F

■ 78725B

■ 787467

■ 787773

■ 78797F

Harmonies

Analogous

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



955524



786313



536D1F

Triad

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



786313



007689



914B8A

Complementary

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



786313



132878

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.



655BA5



786313



0072A4

Square

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



786313



007664



0069AF



A64266

Rectangle

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



786313



337233



0069AF



855095

Sweetspot

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



786313



9C9375



781329



4F4A37



CFCFCF



4F4F4F

Same Dimension

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



786313



9C7B00



5B7813



3D3C37



7D6300



FCC800

Inverse Universe

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



132878



00209C



301378



37383D



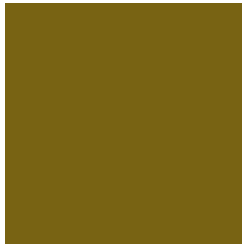
001A7D



0034FC

Previews

White Background



This preview shows how the Hex color 786313 looks on a white background.

Color Contrast Check

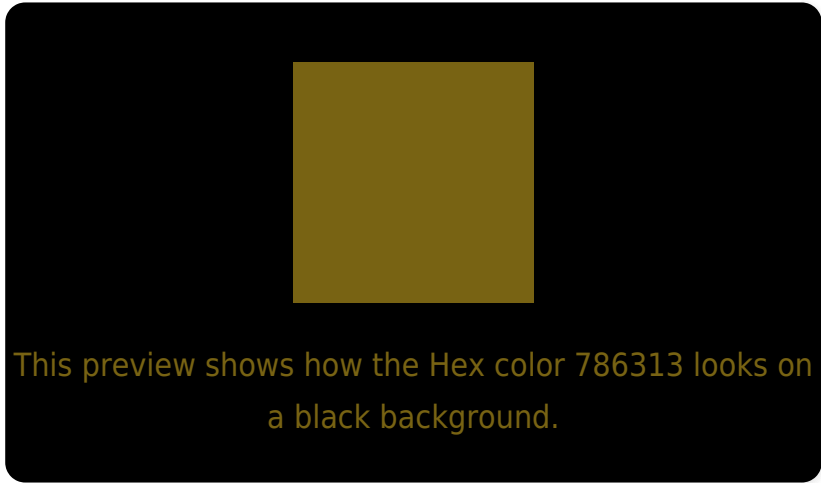
Large Text (above 18pt) WCAG AA ✓ Pass

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 786313 Background



This preview shows how black text looks on a background with the Hex color 786313.



This preview shows how white text looks on a background with the Hex color 786313.

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
786313

Protanopia
726514

Deuteranopia
7F6015



Tritanopia
7D5C63

Trichromacy



Original Color
786313

Protanomaly
746414

Deuteranomaly
7C6114

Tritanomaly
7B5F46

Monochromacy



Original Color
786313

Achromatopsia
606060

Achromatomaly
696144

CSS Examples

Text

The CSS property to change the color of the text to Hex 786313 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 #786313 looks like.

```
.text, #text, p{  
    color:#786313  
}
```

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 #786313 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #786313
}
```

Border

The CSS property to change the border of an element to Hex 786313 is called "border". The border property can be set on classes, ids or directly on the HTML element.

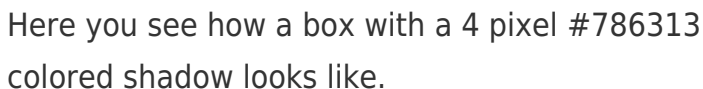
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#786313 }
```

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

```
.border{ border-color:#786313 }
```

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



Here you see how a box with a 4 pixel #786313 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #786313; -webkit-box-shadow:4px 4px  
4px 4px #786313; box-shadow:4px 4px 4px  
4px #786313 }
```

Background

The CSS property to change the background color of an element to Hex 786313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#786313 }
```

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

```
.background{ background-color:#786313 }
```

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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