

Converting Colors

Hex(D87704)

Have a look what the booklet for
Hex(D87704) contains.

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Color

Hex(D87704)

Conversions

Conversions Part 1

Format	Color
Hex	D87704
RGB	216, 119, 4
RGB Percent	85%, 47%, 2%
CMY	0.1529, 0.5333, 0.9843
CMYK	0.00, 0.45, 0.98, 0.15
HSL	33°, 96%, 43%
HSV	33°, 98%, 85%
XYZ	34.9376, 27.8013, 3.6396
YIQ	134.8930, 94.7270, -15.2010

Conversions

Conversions Part 2

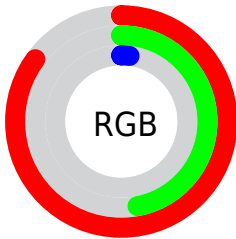
Format	Color
RYB	183, 216, 4
Decimal	14186244
CIELab	59.71, 31.84, 66.11
CIELCh	60, 73.374, 64.284
Yxy	27.8013, 0.5263, 0.4188
Android (android.graphics.Color)	4292376324 (0xFFD87704)
YUV	134.8930, -64.5302, 71.1308
Hunter-Lab	52.7270, 26.0044, 32.8162

Details

The Hex color **D87704** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **0465D8**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FFAC46**, and **9A4500** is the 20% darker color. If you saturate the color by 10%, you get **D87500**, and if you desaturate by 10%, it is **D8811A**.

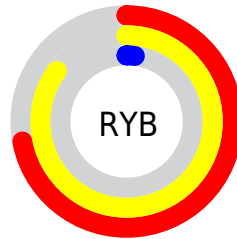
Distribution



Red (85%)

Green (47%)

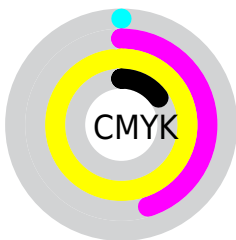
Blue (2%)



Red (72%)

Yellow (85%)

Blue (2%)

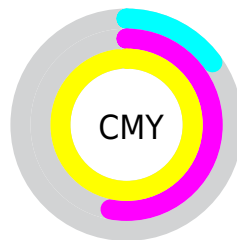


Cyan (0%)

Magenta (45%)

Yellow (98%)

Black (15%)



Cyan (15%)

Magenta (53%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color D87704 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 D87704 by changing the saturation by 10% instead.

 D87704

 D87704

FFFFFF

 B95E00

 FFAC46

 9A4500

 FFC861

 7C2D00

 FFE47C

 5E1500

 FFFF98

 420000

 FFFFB3

 2B0001

 FFFFD0

 000000

 FFFFED

 D87704

 D87704

 D87500

 D8811A

 D88B2F

 D89545

 D89F5A

 D8A870

 D8B286

 D8BC9B

 D8C6B1

 D8D0C6

Harmonies

Analogous

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



FA584B



D87704



A49000

Triad

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



D87704



00AD98



9A7AFC

Complementary

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



D87704



0465D8

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.



0095FF



D87704



00ACD7

Square

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



D87704



00A954



00A5FF



E359C9

Rectangle

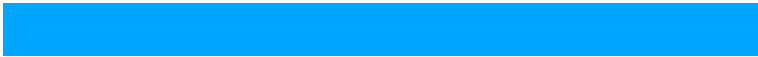
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D87704



7A9C00



00A5FF



7284FF

Sweetspot

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



D87704



FFDDB5



D80467



806B53



000000



808080

Same Dimension

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



D87704



FF8A00



D1D804



6B6660



AB5D00



2B1800

Inverse Universe

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



0465D8



0075FF



0B04D8



60656B



004EAB



00142B

Previews

White Background



This preview shows how the Hex color D87704 looks on a white background.

Color Contrast Check

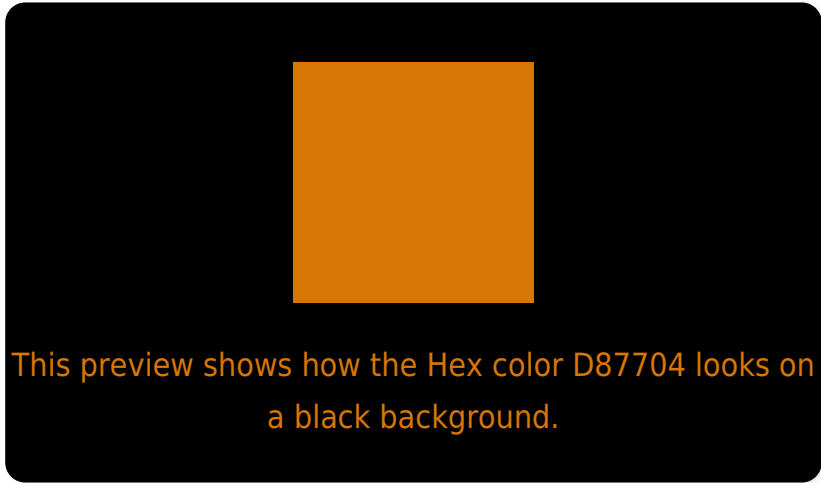
Large Text (above 18pt) WCAG AA ✓ Pass

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 D87704 Background



This preview shows how black text looks on a background with the Hex color D87704.



This preview shows how white text looks on a background with the Hex color D87704.

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
D87704

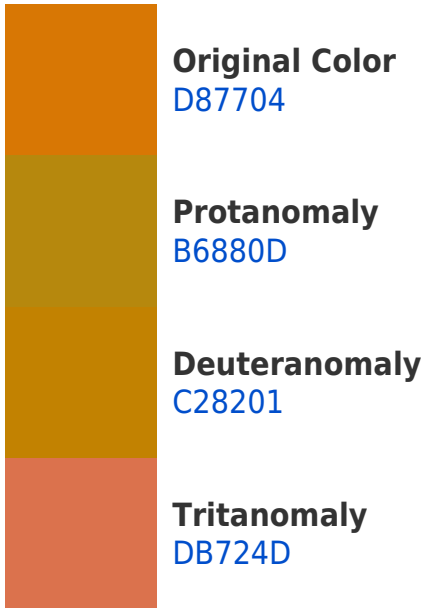
Protanopia
A39112

Deuteranopia
B68900

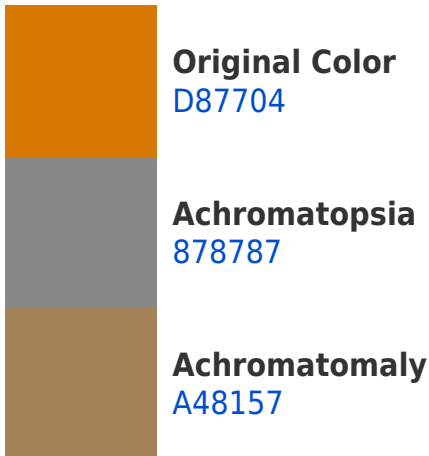


Tritanopia
DC6F76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D87704 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 #D87704 looks like.

```
.text, #text, p{  
    color:#D87704  
}
```

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 #D87704 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D87704
}
```

Border

The CSS property to change the border of an element to Hex D87704 is called "border". The border property can be set on classes, ids or directly on the HTML element.

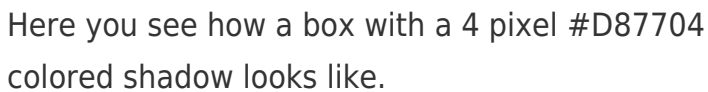
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D87704 }
```

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

```
.border{ border-color:#D87704 }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, offset to the right and bottom of the box. The text inside the box is "Here you see how a box with a 4 pixel #D87704 colored shadow looks like." data-bbox="137 528 878 608"/>

Here you see how a box with a 4 pixel #D87704 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #D87704; -webkit-box-shadow:4px 4px 4px 4px #D87704; box-shadow:4px 4px 4px 4px #D87704 }
```

Background

The CSS property to change the background color of an element to Hex D87704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D87704 }
```

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

```
.background{ background-color:#D87704 }
```

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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