

Converting Colors

Hex(D87210)

Have a look what the booklet for
Hex(D87210) contains.

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Color

Hex(D87210)

Conversions

Conversions Part 1

Format	Color
Hex	D87210
RGB	216, 114, 16
RGB Percent	85%, 45%, 6%
CMY	0.1529, 0.5529, 0.9373
CMYK	0.00, 0.47, 0.93, 0.15
HSL	29°, 86%, 45%
HSV	29°, 93%, 85%
XYZ	34.4297, 26.6710, 3.8236
YIQ	133.3260, 92.2500, -8.8540

Conversions

Conversions Part 2

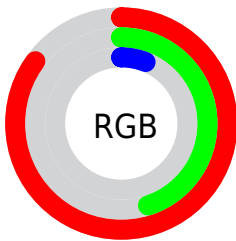
Format	Color
R _Y B	216, 208, 16
Decimal	14184976
CIE Lab	58.67, 34.58, 63.25
CIE LCh	59, 72.080, 61.333
Yxy	26.6710, 0.5303, 0.4108
Android (android.graphics.Color)	4292375056 (0xFFD87210)
YUV	133.3260, -57.8417, 72.5051
Hunter-Lab	51.6439, 28.6246, 31.7611

Details

The Hex color **D87210** 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 **1076D8**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FFA74B**, and **9A4000** is the 20% darker color. If you saturate the color by 10%, you get **D86A00**, and if you desaturate by 10%, it is **D87D26**.

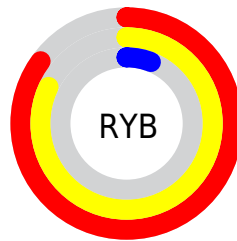
Distribution



Red (85%)

Green (45%)

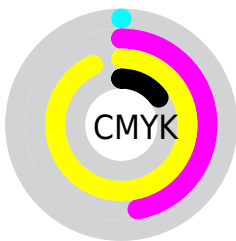
Blue (6%)



Red (85%)

Yellow (82%)

Blue (6%)

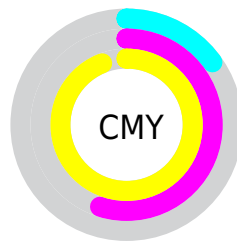


Cyan (0%)

Magenta (47%)

Yellow (93%)

Black (15%)



Cyan (15%)

Magenta (55%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color D87210 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 D87210 by changing the saturation by 10% instead.

 D87210

 D87210

FFFFFF

 B95900

 FFA74B

 9A4000

 FFC365

 7C2800

 FFDF80

 5E0D00

 FFFC9B

 420000

 FFFFB7

 2A0001

 FFFFD3

 000000

 FFFFF0

 D87210

 D87210

 D86A00

 D87D26

 D8883B

 D89351

 D89E66

 D8A97C

 D8B492

 D8BFA7

 D8CABD

 D8D5D2

Harmonies

Analogous

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



F7544F



D87210



A78B00

Triad

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



D87210



00A98E



8D7BFA

Complementary

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



D87210



1076D8

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.



0094FF



D87210



00A9CD

Square

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



D87210



00A54C



00A3FC



DA5BCB

Rectangle

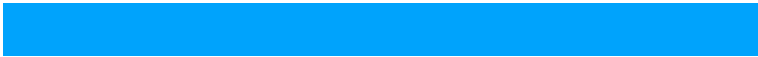
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D87210



7F9700



00A3FC



6184FF

Sweetspot

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



D87210



FFDBB8



D81077



806954



000000



808080

Same Dimension

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



D87210



FF7D00



D8D510



6B6660



AB5400



2B1500

Inverse Universe

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



1076D8



0082FF



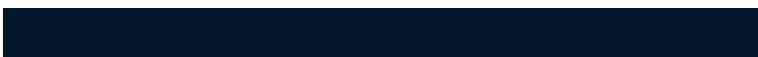
1013D8



60666B



0057AB



00162B

Previews

White Background



This preview shows how the Hex color D87210 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 D87210 Background



This preview shows how black text looks on a background with the Hex color D87210.



This preview shows how white text looks on a background with the Hex color D87210.

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

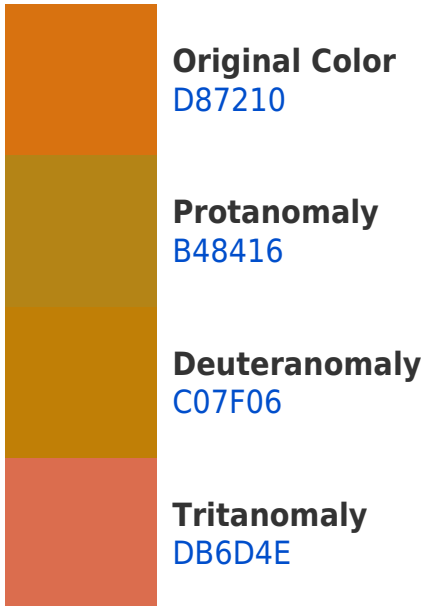


Original Color
D87210

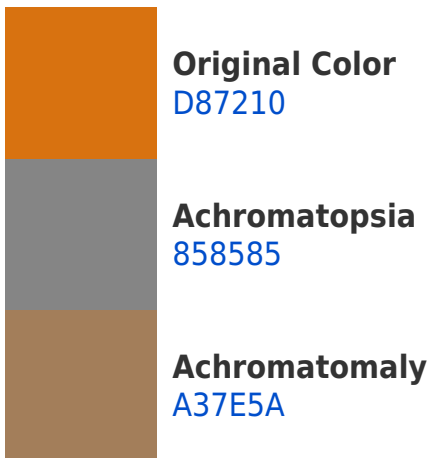
Protanopia
A08E19

Deuteranopia
B38600

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D87210 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 #D87210 looks like.

```
.text, #text, p{  
    color:#D87210  
}
```

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 #D87210 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D87210
}
```

Border

The CSS property to change the border of an element to Hex D87210 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
#D87210 }
```

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

```
.border{ border-color:#D87210 }
```

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

Here you see how a box with a 4 pixel #D87210 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D87210; -webkit-box-shadow:4px 4px  
4px 4px #D87210; box-shadow:4px 4px 4px  
4px #D87210 }
```

Background

The CSS property to change the background color of an element to Hex D87210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D87210 }
```

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

```
.background{ background-color:#D87210 }
```

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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