

Converting Colors

Hex(D48824)

Have a look what the booklet for
Hex(D48824) contains.

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Color

Hex(D48824)

Conversions

Conversions Part 1

Format	Color
Hex	D48824
RGB	212, 136, 36
RGB Percent	83%, 53%, 14%
CMY	0.1686, 0.4667, 0.8588
CMYK	0.00, 0.36, 0.83, 0.17
HSL	34°, 71%, 49%
HSV	34°, 83%, 83%
XYZ	36.2740, 31.7327, 5.8823
YIQ	147.3240, 77.3960, -14.9880

Conversions

Conversions Part 2

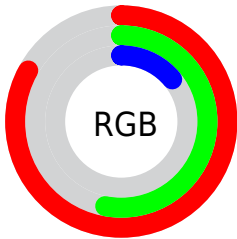
Format	Color
RYB	170, 212, 36
Decimal	13928484
CIELab	63.12, 21.64, 60.81
CIELCh	63, 64.545, 70.413
Yxy	31.7327, 0.4909, 0.4295
Android (android.graphics.Color)	4292118564 (0xFFD48824)
YUV	147.3240, -54.8827, 56.7209
Hunter-Lab	56.3318, 16.3615, 33.2411

Details

The Hex color **D48824** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark washed orange. A complement of this color would be **2470D4**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFBD5A**, and **985600** is the 20% darker color. If you saturate the color by 10%, you get **D47F0F**, and if you desaturate by 10%, it is **D49139**.

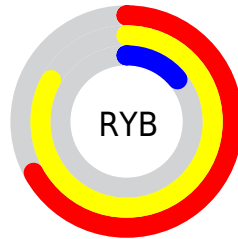
Distribution



Red (83%)

Green (53%)

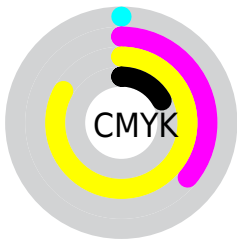
Blue (14%)



Red (67%)

Yellow (83%)

Blue (14%)

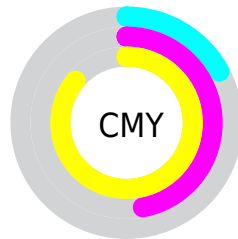


Cyan (0%)

Magenta (36%)

Yellow (83%)

Black (17%)



Cyan (17%)

Magenta (47%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color D48824 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 D48824 by changing the saturation by 10% instead.

 D48824

 D48824

FFFFFF

 B66F00

 FFBD5A

 985600

 FFD975

 7B3E00

 FFF690

 5E2800

 FFFFAC

 421200

 FFFFC8

 290000

 FFFFE4

 000000

 D48824

 D48824

 D47F0F

 D49139

 D47800

 D49A4E

 D4A364

 D4AD79

 D4B68E

 D4BFA3

 D4C8B8

 D4D1CE

 D4DAE3

Harmonies

Analogous

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



F67051



D48824



A39C12

Triad

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



D48824



00B4AC



B581F1

Complementary

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



D48824



2470D4

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.



4099FF



D48824



00B2E2

Square

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



D48824



00B170



00A9FF



ED68C1

Rectangle

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



D48824



7BA62A



00A9FF



9989FC

Sweetspot

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



D48824



FFE3BF



D42470



806F59



000000



808080

Same Dimension

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



D48824



FF9100



C8D424



6B6660



AB6100



2B1900

Inverse Universe

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



2470D4



006EFF



3024D4



60656B



004AAB



00132B

Previews

White Background



This preview shows how the Hex color D48824 looks on a white background.

Color Contrast Check

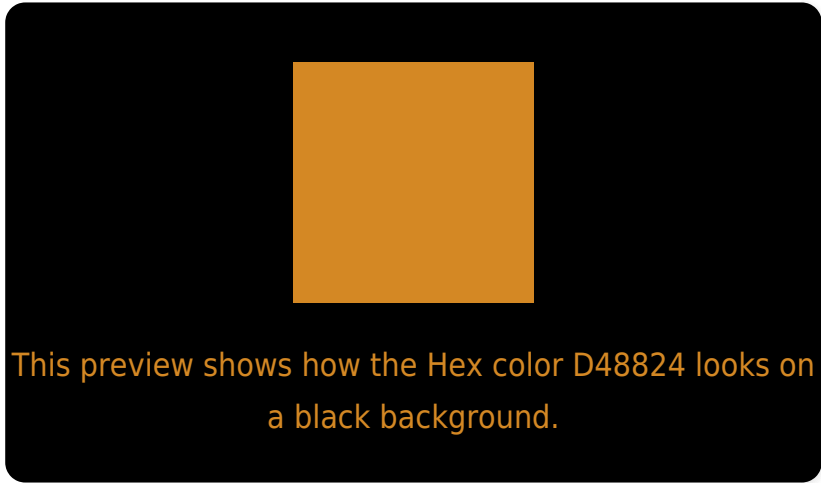
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex D48824 Background



This preview shows how black text looks on a background with the Hex color D48824.



This preview shows how white text looks on a background with the Hex color D48824.

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
D48824

Protanopia
AC9A28

Deuteranopia
C1911F



Tritanopia
D97F88

Trichromacy



Original Color
D48824

Protanomaly
BB9327

Deuteranomaly
C88E21

Tritanomaly
D78264

Monochromacy



Original Color
D48824

Achromatopsia
939393

Achromatomaly
AB8F6B

CSS Examples

Text

The CSS property to change the color of the text to Hex D48824 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 #D48824 looks like.

```
.text, #text, p{  
    color:#D48824  
}
```

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 #D48824 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D48824
}
```

Border

The CSS property to change the border of an element to Hex D48824 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
#D48824 }
```

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

```
.border{ border-color:#D48824 }
```

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

Here you see how a box with a 4 pixel #D48824 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D48824; -webkit-box-shadow:4px 4px  
4px 4px #D48824; box-shadow:4px 4px 4px  
4px #D48824 }
```

Background

The CSS property to change the background color of an element to Hex D48824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D48824 }
```

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

```
.background{ background-color:#D48824 }
```

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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