

Converting Colors

Hex(D47227)

Have a look what the booklet for
Hex(D47227) contains.

Hex(D47227)	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(D47227)

Conversions

Conversions Part 1

Format	Color
Hex	D47227
RGB	212, 114, 39
RGB Percent	83%, 45%, 15%
CMY	0.1686, 0.5529, 0.8471
CMYK	0.00, 0.46, 0.82, 0.17
HSL	26°, 69%, 49%
HSV	26°, 82%, 83%
XYZ	33.5349, 26.1782, 5.2049
YIQ	134.7520, 82.4830, -2.5490

Conversions

Conversions Part 2

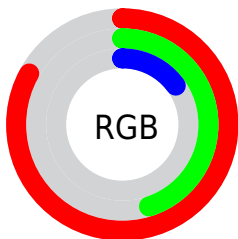
Format	Color
RYB	212, 171, 39
Decimal	13922855
CIELab	58.21, 33.46, 55.36
CIElCh	58, 64.682, 58.851
Yxy	26.1782, 0.5166, 0.4033
Android (android.graphics.Color)	4292112935 (0xFFD47227)
YUV	134.7520, -47.2057, 67.7465
Hunter-Lab	51.1646, 27.4565, 29.7838

Details

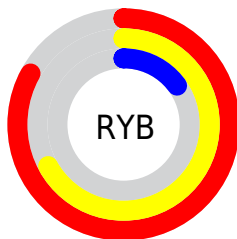
The Hex color **D47227** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **2789D4**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FFA75A**, and **974000** is the 20% darker color. If you saturate the color by 10%, you get **D46612**, and if you desaturate by 10%, it is **D47E3C**.

Distribution



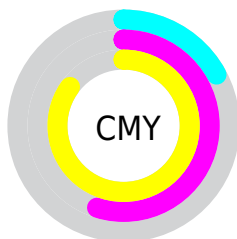
- Red (83%)
- Green (45%)
- Blue (15%)



- Red (83%)
- Yellow (67%)
- Blue (15%)



- Cyan (0%)
- Magenta (46%)
- Yellow (82%)
- Black (17%)



- Cyan (17%)
- Magenta (55%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color D47227 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 D47227 by changing the saturation by 10% instead.

 D47227

 D47227

FFFFFF

 B55908

 FFA75A

 974000

 FFC274

 792800

 FFDF8F

 5C0E00


 FFFCAA

 400000

 FFFFC6

 270001

 FFFF E3

 000000

 D47227

 D47227

 D46612

 D47E3C

 D45C00

 D48A51

 D49667

 D4A27C

 D4AE91

 D4BAA6

 D4C6BB

 D4D2D1

 D4DEE6

Harmonies

Analogous

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



EE5A59



D47227



A98900

Triad

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



D47227



00A688



867EF0

Complementary

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



D47227



2789D4

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.



0093FE



D47227



00A6C1

Square

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



D47227



00A24E



00A0EC



CE63C7

Rectangle

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



D47227



859402



00A0EC



5F86F8

Sweetspot

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



D47227



FFDCC2



D42789



806B5B



000000



808080

Same Dimension

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



D47227



FF7105



D4C827



6B6560



AB4A00



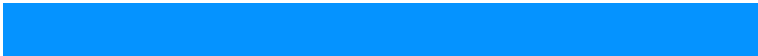
2B1300

Inverse Universe

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



2789D4



0593FF



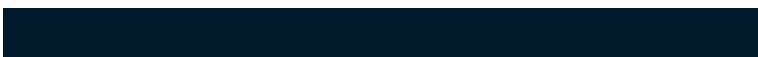
2733D4



60666B



0061AB



00192B

Previews

White Background



This preview shows how the Hex color D47227 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 D47227 Background



This preview shows how black text looks on a background with the Hex color D47227.



This preview shows how white text looks on a background with the Hex color D47227.

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
D47227

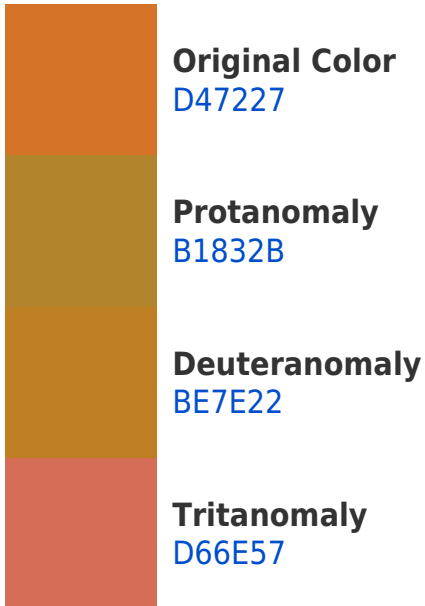
Protanopia
9D8D2E

Deuteranopia
B1851F

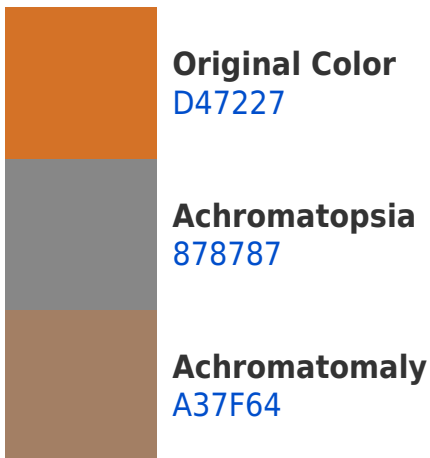


Tritanopia
D76B72

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D47227 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 #D47227 looks like.

```
.text, #text, p{  
    color:#D47227  
}
```

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 #D47227 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D47227
}
```

Border

The CSS property to change the border of an element to Hex D47227 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
#D47227 }
```

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

```
.border{ border-color:#D47227 }
```

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

Here you see how a box with a 4 pixel #D47227 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D47227; -webkit-box-shadow:4px 4px  
4px 4px #D47227; box-shadow:4px 4px 4px  
4px #D47227 }
```

Background

The CSS property to change the background color of an element to Hex D47227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D47227 }
```

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

```
.background{ background-color:#D47227 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor