

Converting Colors

Hex(D27F2C)

Have a look what the booklet for
Hex(D27F2C) contains.

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Color

Hex(D27F2C)

Conversions

Conversions Part 1

Format	Color
Hex	D27F2C
RGB	210, 127, 44
RGB Percent	82%, 50%, 17%
CMY	0.1765, 0.5020, 0.8275
CMYK	0.00, 0.40, 0.79, 0.18
HSL	30°, 65%, 50%
HSV	30°, 79%, 82%
XYZ	34.6223, 29.0622, 6.1676
YIQ	142.3550, 76.1110, -8.2170

Conversions

Conversions Part 2

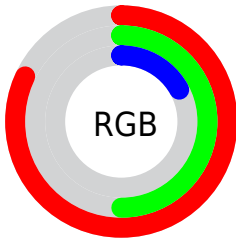
Format	Color
R _Y B	210, 210, 44
Decimal	13795116
CIE Lab	60.84, 25.90, 55.67
CIE LCh	61, 61.396, 65.052
Yxy	29.0622, 0.4957, 0.4161
Android (android.graphics.Color)	4291985196 (0xFFD27F2C)
YUV	142.3550, -48.4890, 59.3247
Hunter-Lab	53.9094, 20.2970, 30.9533

Details

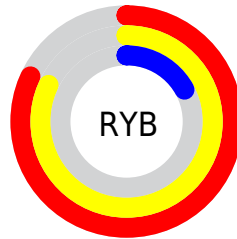
The Hex color **D27F2C** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **2C7FD2**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FFB460**, and **964D00** is the 20% darker color. If you saturate the color by 10%, you get **D27517**, and if you desaturate by 10%, it is **D28A41**.

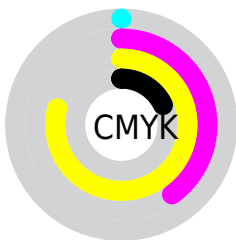
Distribution



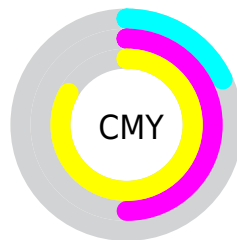
- Red (82%)
- Green (50%)
- Blue (17%)



- Red (82%)
- Yellow (82%)
- Blue (17%)



- Cyan (0%)
- Magenta (40%)
- Yellow (79%)
- Black (18%)



- Cyan (18%)
- Magenta (50%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color D27F2C 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 D27F2C by changing the saturation by 10% instead.

 D27F2C

 D27F2C

FFFFFF

 B4660E

 FFB460

 964D00

 FFD07A

 793600

 FFEC95

 5C1F00

 FFFFB0

 400800

 FFFFCC

 290001

 FFFFEE9

 000000

 D27F2C

 D27F2C

 D27517

 D28A41

 D26A02

 D29456

 D26900

 D29E6B

 D2A980

 D2B495

 D2BEAA

 D2C8BF

 D2D3D4

 D2DEE9

Harmonies

Analogous

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



EE6957



D27F2C



A69315

Triad

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



D27F2C



00AC9B



A080EC

Complementary

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



D27F2C



2C7FD2

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.



0196FF



D27F2C



00ABD0

Square

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



D27F2C



00A963



00A4F5



DB69C2

Rectangle

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



D27F2C



829D24



00A4F5



8288F6

Sweetspot

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



D27F2C



FFE0C2



D22C7F



806D5B



000000



808080

Same Dimension

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



D27F2C



FF860D



D2D22C



69635E



A85400



291400

Inverse Universe

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



2C7FD2



0D86FF



2C2CD2



5E6369



0054A8



001429

Previews

White Background



This preview shows how the Hex color D27F2C 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 D27F2C Background



This preview shows how black text looks on a background with the Hex color D27F2C.



This preview shows how white text looks on a background with the Hex color D27F2C.

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
D27F2C

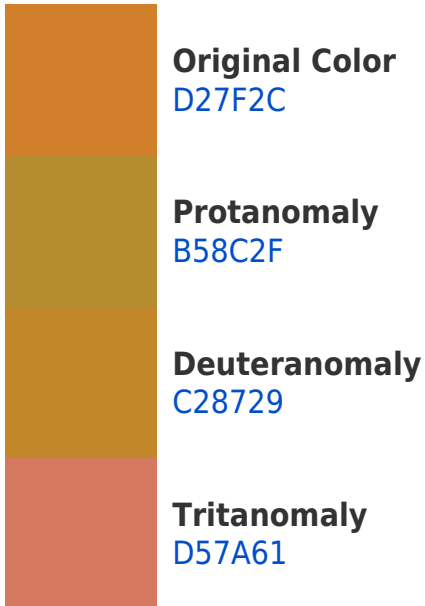
Protanopia
A59431

Deuteranopia
B98C27



Tritanopia
D6777F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D27F2C 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 #D27F2C looks like.

```
.text, #text, p{  
    color:#D27F2C  
}
```

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 #D27F2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D27F2C  
}
```

Border

The CSS property to change the border of an element to Hex D27F2C is called "border". The border property can be set on classes, ids or directly on the HTML element.

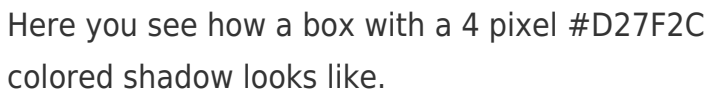
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#D27F2C }
```

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

```
.border{ border-color:#D27F2C }
```

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 black and reads: "Here you see how a box with a 4 pixel #D27F2C colored shadow looks like."

Here you see how a box with a 4 pixel #D27F2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D27F2C; -webkit-box-shadow:4px 4px  
4px 4px #D27F2C; box-shadow:4px 4px 4px  
4px #D27F2C }
```

Background

The CSS property to change the background color of an element to Hex D27F2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D27F2C }
```

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

```
.background{ background-color:#D27F2C }
```

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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