

# Converting Colors

Hex(D27400)

Have a look what the booklet for  
Hex(D27400) contains.

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**Color**

**Hex(D27400)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D27400
RGB	210, 116, 0
RGB Percent	82%, 45%, 0%
CMY	0.1765, 0.5451, 1.0000
CMYK	0.00, 0.45, 1.00, 0.18
HSL	33°, 100%, 41%
HSV	33°, 100%, 82%
XYZ	32.8237, 26.1924, 3.3256
YIQ	130.8820, 93.2600, -16.1480

# Conversions

## Conversions Part 2

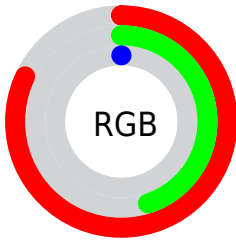
Format	Color
<a href="#">RYB</a>	<a href="#">170, 210, 0</a>
Decimal	<a href="#">13792256</a>
CIELab	<a href="#">58.22, 30.88, 65.45</a>
CIElCh	<a href="#">58, 72.368, 64.737</a>
Yxy	<a href="#">26.1924, 0.5265, 0.4201</a>
Android (android.graphics.Color)	<a href="#">4291982336</a> (0xFFD27400)
YUV	<a href="#">130.8820, -64.5248, 69.3865</a>
Hunter-Lab	<a href="#">51.1785, 24.9199, 31.9722</a>

# Details

The Hex color **D27400** 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 **005ED2**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FFA944**, and **954200** is the 20% darker color. If you saturate the color by 10%, you get **D27400**, and if you desaturate by 10%, it is **D27D15**.

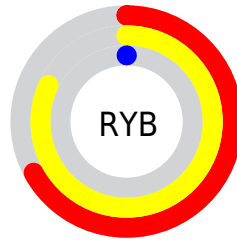
# Distribution



Red (82%)

Green (45%)

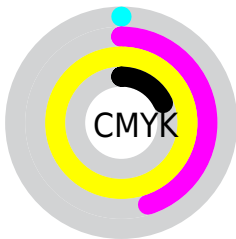
Blue (0%)



Red (67%)

Yellow (82%)

Blue (0%)

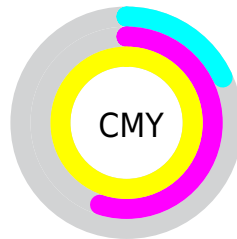


Cyan (0%)

Magenta (45%)

Yellow (100%)

Black (18%)



Cyan (18%)

Magenta (55%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D27400 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 D27400 by changing the saturation by 10% instead.



 D27400

 D27400

FFFFFF

 B35B00

 FFA944

 954200

 FFC45F

 762B00

 FFE07A

 591300

 FFFD95

 3D0000

 FFFFB1

 250001

 FFFFCF

 000000

 FFFFEA

 D27400

 D27D15

 D2872A

 D2903F

 D29A54

 D2A369

 D2AC7E

 D2B693

 D2BFA8

 D2C9BD

# Harmonies

## Analogous

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



F35647



D27400



9F8D00

# Triad

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



D27400



00A895



9776F5

# Complementary

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



D27400



005ED2

# 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.



0091FF



D27400



00A7D3

# Square

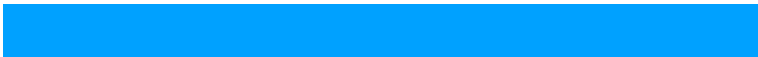
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D27400



00A552



00A1FF



DF56C3

# Rectangle

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



D27400



769800



00A1FF



7080FF



# Sweetspot

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



D27400



FFDDB3



D2005E



806B52



000000



808080



# Same Dimension

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



D27400



FF8D00



C8D200



69645E



A85D00



291700



# Inverse Universe

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



005ED2



0072FF



0B00D2



5E6369



004BA8

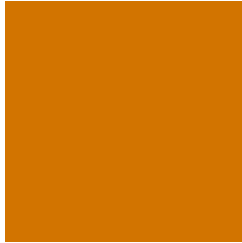


001229



# Previews

## White Background



This preview shows how the Hex color D27400 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 D27400 Background



This preview shows how black text looks on a background with the Hex color D27400.

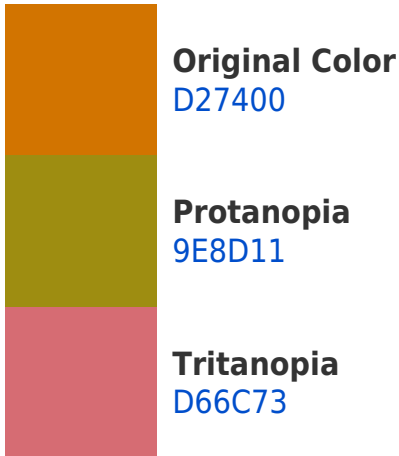


This preview shows how white text looks on a background with the Hex color D27400.

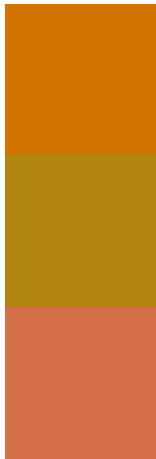
# Color Blindness Simulation

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



# Trichromacy



**Original Color**  
D27400

**Protanomaly**  
B1840B

**Tritanomaly**  
D56F49

# Monochromacy



**Original Color**  
D27400

**Achromatopsia**  
838383

**Achromatomaly**  
A07E53

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D27400 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 #D27400 looks like.

```
.text, #text, p{  
    color:#D27400  
}
```

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 #D27400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D27400
}
```

## Border

The CSS property to change the border of an element to Hex D27400 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
#D27400 }
```

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

```
.border{ border-color:#D27400 }
```

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

Here you see how a box with a 4 pixel #D27400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D27400; -webkit-box-shadow:4px 4px  
4px 4px #D27400; box-shadow:4px 4px 4px  
4px #D27400 }
```

# Background

The CSS property to change the background color of an element to Hex D27400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D27400 }
```

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

```
.background{ background-color:#D27400 }
```

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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