

Converting Colors

Hex(D27E00)

Have a look what the booklet for
Hex(D27E00) contains.

Hex(D27E00)	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(D27E00)

Conversions

Conversions Part 1

Format	Color
Hex	D27E00
RGB	210, 126, 0
RGB Percent	82%, 49%, 0%
CMY	0.1765, 0.5059, 1.0000
CMYK	0.00, 0.40, 1.00, 0.18
HSL	36°, 100%, 41%
HSV	36°, 100%, 82%
XYZ	34.0392, 28.6233, 3.7308
YIQ	136.7520, 90.5100, -21.3780

Conversions

Conversions Part 2

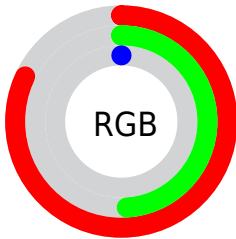
Format	Color
R _Y B	140, 210, 0
Decimal	13794816
CIE Lab	60.45, 25.56, 66.85
CIE LCh	60, 71.565, 69.078
Yxy	28.6233, 0.5127, 0.4311
Android (android.graphics.Color)	4291984896 (0xFFD27E00)
YUV	136.7520, -67.4187, 64.2385
Hunter-Lab	53.5008, 19.9420, 33.3161

Details

The Hex color **D27E00** 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 **0054D2**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FFB346**, and **954C00** is the 20% darker color. If you saturate the color by 10%, you get **D27E00**, and if you desaturate by 10%, it is **D28615**.

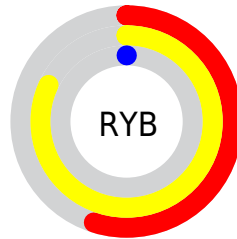
Distribution



Red (82%)

Green (49%)

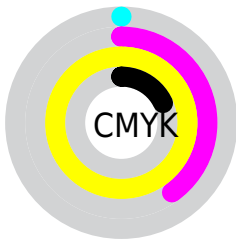
Blue (0%)



Red (55%)

Yellow (82%)

Blue (0%)

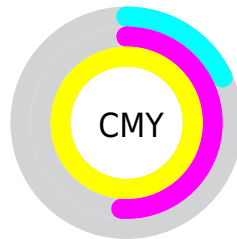


Cyan (0%)

Magenta (40%)

Yellow (100%)

Black (18%)



Cyan (18%)

Magenta (51%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color D27E00 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 D27E00 by changing the saturation by 10% instead.

 D27E00

 D27E00

FFFFFF

 B36500

 FFB346

 954C00

 FFCF61

 773500

 FFEB7C

 5A1E00

 FFFF97

 3E0700

 FFFFB3

 280001

 FFFFD0

 000000

 FFFFED

 D27E00

 D28615

 D28F2A

 D2973F

 D2A054

 D2A869

 D2B07E

 D2B993

 D2C1A8

 D2CABD

Harmonies

Analogous

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



F66145



D27E00



9D9500

Triad

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



D27E00



00AEA4



AB78F5

Complementary

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



D27E00



0054D2

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.



0093FF



D27E00



00ADE0

Square

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



D27E00



00AC62



00A5FF



EB59C0

Rectangle

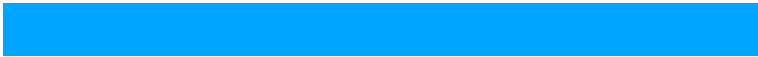
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D27E00



72A001



00A5FF



8A82FF

Sweetspot

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



D27E00



FFE0B3



D20054



806D52



000000



808080

Same Dimension

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



D27E00



FF9900



BDD200



69645E



A86500



291800

Inverse Universe

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



0054D2



0066FF



1500D2



5E6269



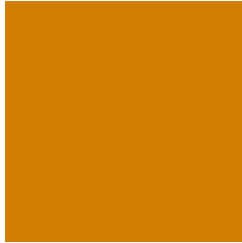
0043A8



001029

Previews

White Background



This preview shows how the Hex color D27E00 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 D27E00 Background



This preview shows how black text looks on a background with the Hex color D27E00.



This preview shows how white text looks on a background with the Hex color D27E00.

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
D27E00

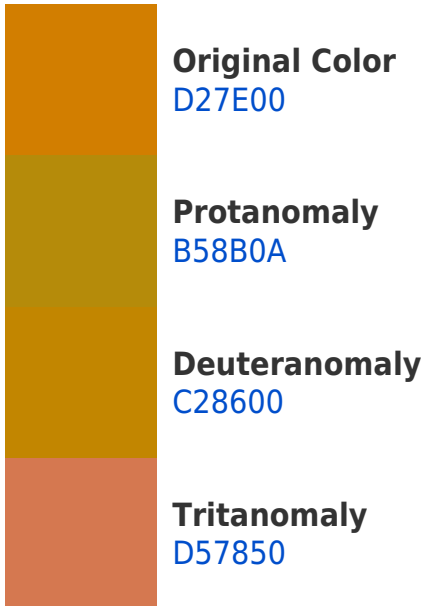
Protanopia
A59310

Deuteranopia
B98B00

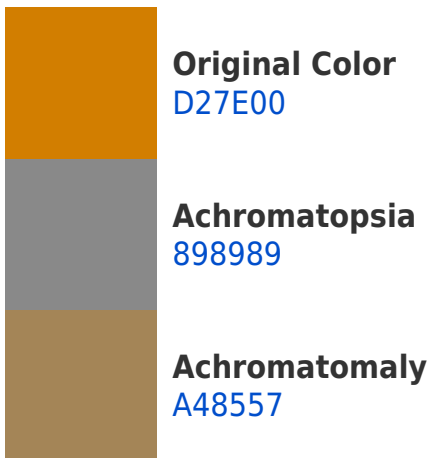


Tritanopia
D7757E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D27E00 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 #D27E00 looks like.

```
.text, #text, p{  
    color:#D27E00  
}
```

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 #D27E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D27E00  
}
```

Border

The CSS property to change the border of an element to Hex D27E00 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  
#D27E00 }
```

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

```
.border{ border-color:#D27E00 }
```

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

Here you see how a box with a 4 pixel #D27E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D27E00; -webkit-box-shadow:4px 4px  
4px 4px #D27E00; box-shadow:4px 4px 4px  
4px #D27E00 }
```

Background

The CSS property to change the background color of an element to Hex D27E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D27E00 }
```

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

```
.background{ background-color:#D27E00 }
```

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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