

Converting Colors

Hex(D27E0E)

Have a look what the booklet for
Hex(D27E0E) contains.

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Color

Hex(D27E0E)

Conversions

Conversions Part 1

Format	Color
Hex	D27E0E
RGB	210, 126, 14
RGB Percent	82%, 49%, 5%
CMY	0.1765, 0.5059, 0.9451
CMYK	0.00, 0.40, 0.93, 0.18
HSL	34°, 87%, 44%
HSV	34°, 93%, 82%
XYZ	34.1185, 28.6551, 4.1482
YIQ	138.3480, 86.0160, -17.0240

Conversions

Conversions Part 2

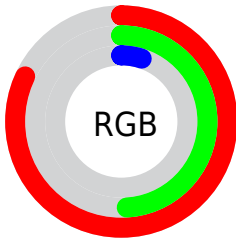
Format	Color
R_{YB}	161, 210, 14
Decimal	13794830
CIE Lab	60.48, 25.71, 64.56
CIE LCh	60, 69.489, 68.285
Yxy	28.6551, 0.5098, 0.4282
Android (android.graphics.Color)	4291984910 (0xFFD27E0E)
YUV	138.3480, -61.3036, 62.8388
Hunter-Lab	53.5304, 20.0916, 32.8768

Details

The Hex color **D27E0E** 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 **0E62D2**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FFB34B**, and **954C00** is the 20% darker color. If you saturate the color by 10%, you get **D27800**, and if you desaturate by 10%, it is **D28723**.

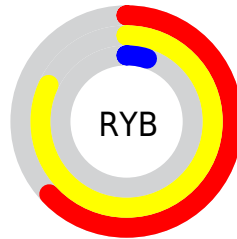
Distribution



Red (82%)

Green (49%)

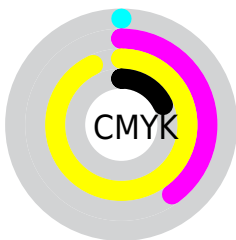
Blue (5%)



Red (63%)

Yellow (82%)

Blue (5%)

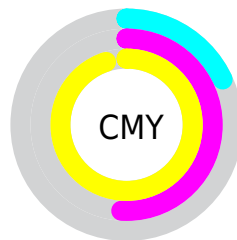


Cyan (0%)

Magenta (40%)

Yellow (93%)

Black (18%)



Cyan (18%)

Magenta (51%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color D27E0E 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 D27E0E by changing the saturation by 10% instead.

 D27E0E

 D27E0E

FFFFFF

 B36500

 FFB34B

 954C00

 FFCF66

 773500

 FFE881

 5A1E00

 FFFF9C

 3F0700

 FFFF88

 280001

 FFFFD5

 000000

 FFFFF2

 D27E0E

 D27E0E

 D27800

 D28723

 D29038

 D2994D

 D2A262

 D2AB77

 D2B48C

 D2BDA1

 D2C6B6

 D2CFCB

Harmonies

Analogous

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



F56349



D27E0E



9F9500

Triad

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



D27E0E



00AEA2



A979F3

Complementary

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



D27E0E



0E62D2

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.



0094FF



D27E0E



00ACDD

Square

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



D27E0E



00AB62



00A4FF



E85DC1

Rectangle

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



D27E0E



759F0B



00A4FF



8883FF

Sweetspot

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



D27E0E



FFE0B8



D20E63



806D54



000000



808080

Same Dimension

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



D27E0E



FF9200



C5D20E



69645E



A86000



291700

Inverse Universe

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



0E62D2



006DFF



1B0ED2



5E6369



0048A8



001129

Previews

White Background



This preview shows how the Hex color D27E0E looks on a white background.

Color Contrast Check

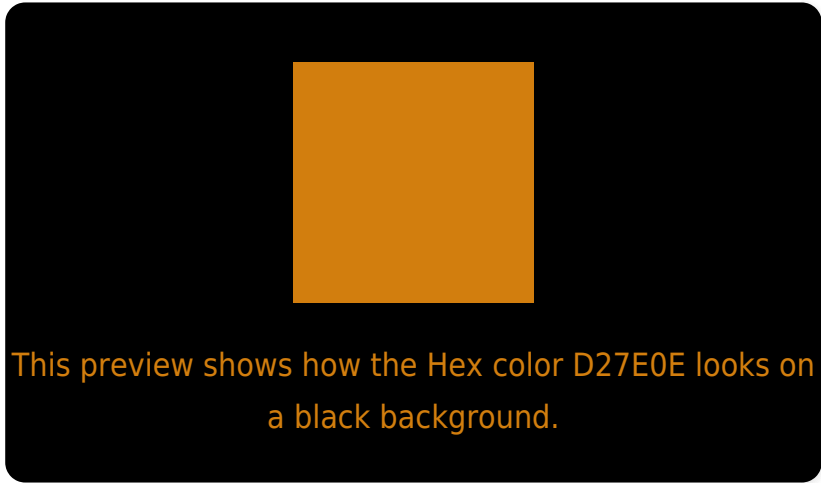
Large Text (above 18pt) WCAG AA ✓ Pass

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 D27E0E Background



This preview shows how black text looks on a background with the Hex color D27E0E.



This preview shows how white text looks on a background with the Hex color D27E0E.

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
D27E0E

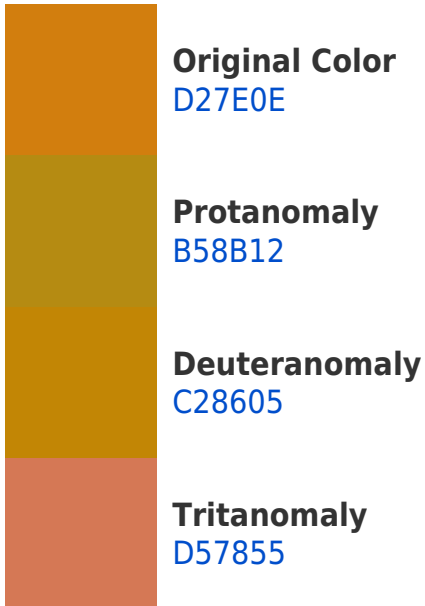
Protanopia
A59315

Deuteranopia
B98B00

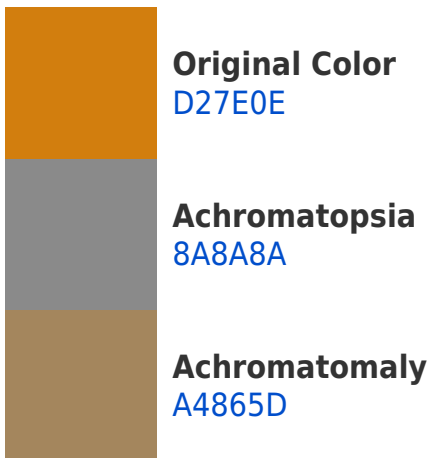


Tritanopia
D7757E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D27E0E 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 #D27E0E looks like.

```
.text, #text, p{  
    color:#D27E0E  
}
```

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 #D27E0E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D27E0E
}
```

Border

The CSS property to change the border of an element to Hex D27E0E 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
#D27E0E }
```

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

```
.border{ border-color:#D27E0E }
```

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

Here you see how a box with a 4 pixel #D27E0E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D27E0E; -webkit-box-shadow:4px 4px  
4px 4px #D27E0E; box-shadow:4px 4px 4px  
4px #D27E0E }
```

Background

The CSS property to change the background color of an element to Hex D27E0E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D27E0E }
```

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

```
.background{ background-color:#D27E0E }
```

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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