

# Converting Colors

Hex(D26C27)

Have a look what the booklet for  
Hex(D26C27) contains.

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# Color

Hex(D26C27)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D26C27
RGB	210, 108, 39
RGB Percent	82%, 42%, 15%
CMY	0.1765, 0.5765, 0.8471
CMYK	0.00, 0.49, 0.81, 0.18
HSL	24°, 69%, 49%
HSV	24°, 81%, 82%
XYZ	32.3071, 24.5732, 4.9598
YIQ	130.6320, 82.9410, 0.1650

# Conversions

## Conversions Part 2

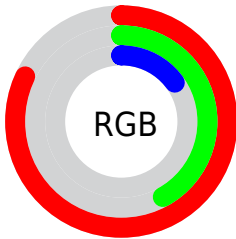
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	210, 155, 39
Decimal	13790247
CIE Lab	56.66, 35.77, 53.84
CIE LCh	57, 64.641, 56.405
Yxy	24.5732, 0.5224, 0.3974
Android (android.graphics.Color)	4291980327 (0xFFD26C27)
YUV	130.6320, -45.1746, 69.6057
Hunter-Lab	49.5714, 29.5836, 28.7678

# Details

The Hex color **D26C27** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed orange. A complement of this color would be **278DD2**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FFA15A**, and **953A00** is the 20% darker color. If you saturate the color by 10%, you get **D25F12**, and if you desaturate by 10%, it is **D2793C**.

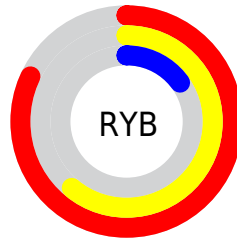
# Distribution



Red (82%)

Green (42%)

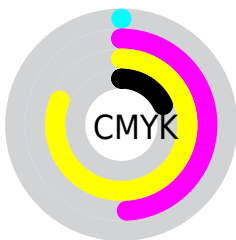
Blue (15%)



Red (82%)

Yellow (61%)

Blue (15%)

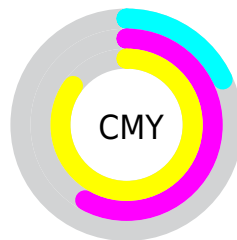


Cyan (0%)

Magenta (49%)

Yellow (81%)

Black (18%)



Cyan (18%)

Magenta (58%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D26C27 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 D26C27 by changing the saturation by 10% instead.



 D26C27

 D26C27

FFFFFF

 B35309

 FFA15A

 953A00

 FFBC74

 772100

 FFD88E

 5A0400

 FFF5A9

 3D0000

 FFFFC5

 230001

 FFFFE2

 000000

 D26C27

 D26C27

 D25F12

 D2793C

 D25500

 D28551

 D29266

 D29E7B

 D2AB90

 D2B7A5

 D2C4BA

 D2D0CF

 D2DDE4

# Harmonies

## Analogous

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



EA5459



D26C27



A88300

# Triad

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



D26C27



00A17F



797CED

# Complementary

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



D26C27



278DD2

# 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.



0091F9



D26C27



00A2B9

# Square

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



D26C27



0B9D46



009DE5



C561C7

# Rectangle

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



D26C27



868F00



009DE5



4D84F5



# Sweetspot

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



D26C27



FFDAC2



D2278E



80695B



000000



808080



# Same Dimension

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



D26C27



FF6A05



D2C127



69625E



A84400



291000



# Inverse Universe

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



278DD2



059AFF



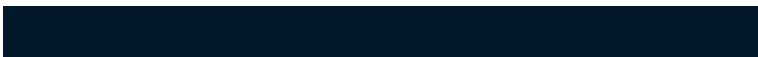
2738D2



5E6469



0064A8



001829



# Previews

## White Background



This preview shows how the Hex color D26C27 looks on a white background.

## Color Contrast Check

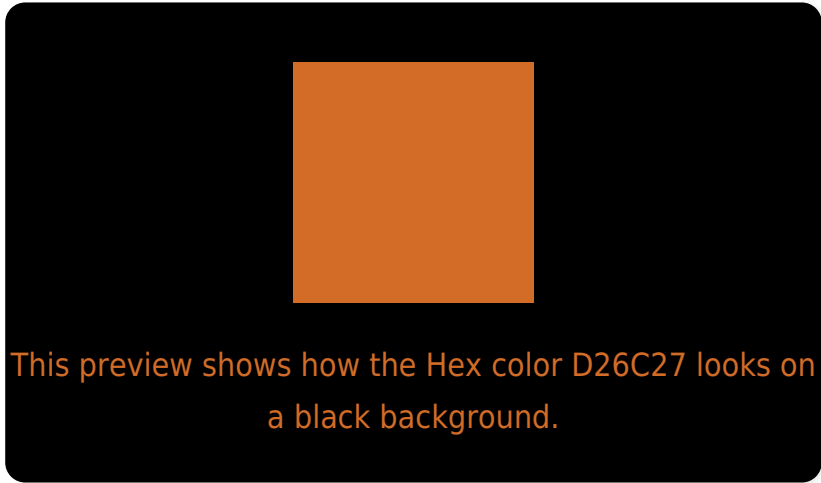
Large Text (above 18pt) WCAG AA ✓ Pass

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 D26C27 Background



This preview shows how black text looks on a background with the Hex color D26C27.

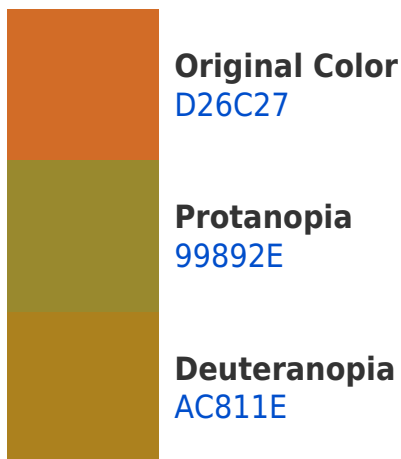



This preview shows how white text looks on a background with the Hex color D26C27.

# 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





**Tritanopia**  
D5656C

# Trichromacy



**Original Color**  
D26C27

**Protanomaly**  
AE7E2B

**Deuteranomaly**  
BA7921

**Tritanomaly**  
D46853

# Monochromacy



**Original Color**  
D26C27

**Achromatopsia**  
838383

**Achromatomaly**  
A07B62

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D26C27 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 #D26C27 looks like.

```
.text, #text, p{  
    color:#D26C27  
}
```

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 #D26C27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D26C27
}
```

## Border

The CSS property to change the border of an element to Hex D26C27 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
#D26C27 }
```

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

```
.border{ border-color:#D26C27 }
```

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

Here you see how a box with a 4 pixel #D26C27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D26C27; -webkit-box-shadow:4px 4px  
4px 4px #D26C27; box-shadow:4px 4px 4px  
4px #D26C27 }
```

# Background

The CSS property to change the background color of an element to Hex D26C27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D26C27 }
```

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

```
.background{ background-color:#D26C27 }
```

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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