

Converting Colors

Hex(D26B00)

Have a look what the booklet for
Hex(D26B00) contains.

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Color

Hex(D26B00)

Conversions

Conversions Part 1

Format	Color
Hex	D26B00
RGB	210, 107, 0
RGB Percent	82%, 42%, 0%
CMY	0.1765, 0.5804, 1.0000
CMYK	0.00, 0.49, 1.00, 0.18
HSL	31°, 100%, 41%
HSV	31°, 100%, 82%
XYZ	31.8360, 24.2170, 2.9964
YIQ	125.5990, 95.7350, -11.4410

Conversions

Conversions Part 2

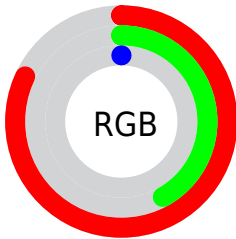
Format	Color
R _Y B	202, 210, 0
Decimal	13789952
CIE Lab	56.30, 35.58, 64.28
CIE LCh	56, 73.472, 61.033
Yxy	24.2170, 0.5391, 0.4101
Android (android.graphics.Color)	4291980032 (0xFFD26B00)
YUV	125.5990, -61.9203, 74.0197
Hunter-Lab	49.2108, 29.3584, 30.8374

Details

The Hex color **D26B00** 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 **0067D2**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FFA042**, and **943900** is the 20% darker color. If you saturate the color by 10%, you get **D26B00**, and if you desaturate by 10%, it is **D27515**.

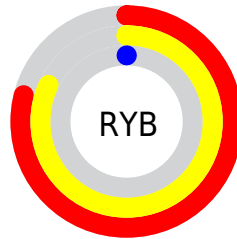
Distribution



Red (82%)

Green (42%)

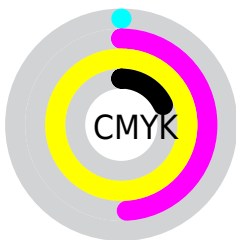
Blue (0%)



Red (79%)

Yellow (82%)

Blue (0%)

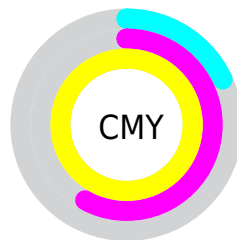


Cyan (0%)

Magenta (49%)

Yellow (100%)

Black (18%)



Cyan (18%)

Magenta (58%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color D26B00 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 D26B00 by changing the saturation by 10% instead.

 D26B00

 D26B00

FFFFFF

 B35200

 FFA042

 943900

 FFBB5D

 762000

 FFD777

 580400

 FFF492

 3C0000

 FFFF4E

 210001

 FFFFC4

 000000

 FFFFE7

 D26B00

 D27515

 D2802A

 D28A3F

 D29454

 D29E69

 D2A97E

 D2B393

 D2BDA8

 D2C8BD

Harmonies

Analogous

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



F14B49



D26B00



A18500

Triad

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



D26B00



00A387



8475F6

Complementary

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



D26B00



0067D2

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.



008EFF



D26B00



00A3C8

Square

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



D26B00



009F45



009DF7



D453C6

Rectangle

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



D26B00



789100



009DF7



557FFF

Sweetspot

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



D26B00



FFD9B3



D20069



806952



000000



808080

Same Dimension

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



D26B00



FF8200



D2D200



69635E



A85600



291500

Inverse Universe

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



0067D2



007DFF



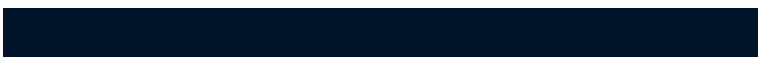
0000D2



5E6369



0053A8



001429

Previews

White Background



This preview shows how the Hex color D26B00 looks on a white background.

Color Contrast Check

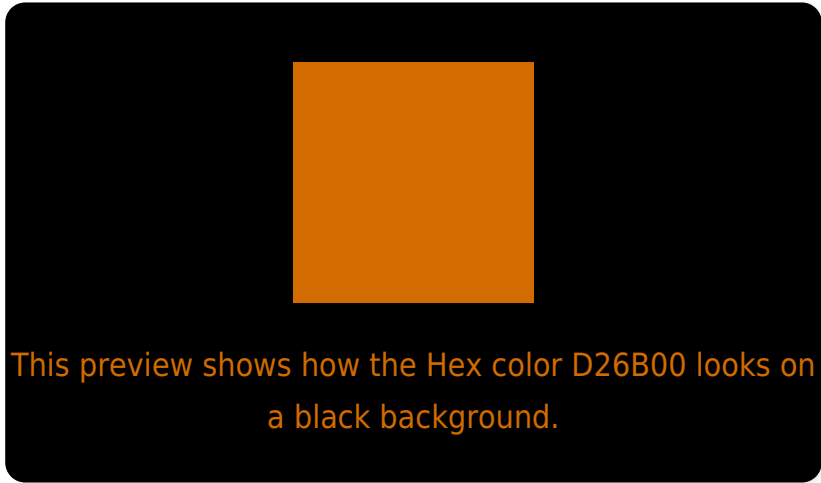
Large Text (above 18pt) WCAG AA ✓ Pass

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 D26B00 Background



This preview shows how black text looks on a background with the Hex color D26B00.



This preview shows how white text looks on a background with the Hex color D26B00.

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
D26B00

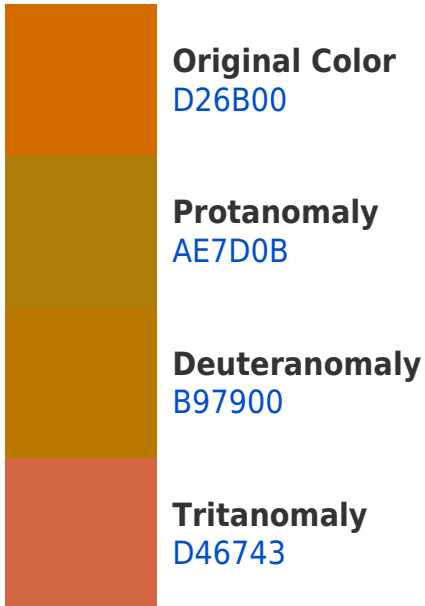
Protanopia
998812

Deuteranopia
AB8100



Tritanopia
D5646A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D26B00 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 #D26B00 looks like.

```
.text, #text, p{  
    color:#D26B00  
}
```

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 #D26B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D26B00  
}
```

Border

The CSS property to change the border of an element to Hex D26B00 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  
#D26B00 }
```

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

```
.border{ border-color:#D26B00 }
```

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

Here you see how a box with a 4 pixel #D26B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D26B00; -webkit-box-shadow:4px 4px  
4px 4px #D26B00; box-shadow:4px 4px 4px  
4px #D26B00 }
```

Background

The CSS property to change the background color of an element to Hex D26B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D26B00 }
```

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

```
.background{ background-color:#D26B00 }
```

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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