

Converting Colors

Hex(D26013)

Have a look what the booklet for
Hex(D26013) contains.

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Color

Hex(D26013)

Conversions

Conversions Part 1

Format	Color
Hex	D26013
RGB	210, 96, 19
RGB Percent	82%, 38%, 7%
CMY	0.1765, 0.6235, 0.9255
CMYK	0.00, 0.54, 0.91, 0.18
HSL	24°, 83%, 45%
HSV	24°, 91%, 82%
XYZ	30.8788, 22.1144, 3.2571
YIQ	121.3080, 92.6610, 0.2210

Conversions

Conversions Part 2

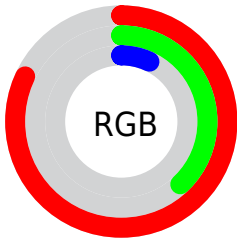
Format	Color
RYB	210, 148, 19
Decimal	13787155
CIELab	54.15, 41.36, 58.86
CIElCh	54, 71.939, 54.904
Yxy	22.1144, 0.5490, 0.3931
Android (android.graphics.Color)	4291977235 (0xFFD26013)
YUV	121.3080, -50.4378, 77.7829
Hunter-Lab	47.0259, 34.9135, 28.8116

Details

The Hex color **D26013** 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 **1385D2**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **FF9549**, and **942D00** is the 20% darker color. If you saturate the color by 10%, you get **D25500**, and if you desaturate by 10%, it is **D26D28**.

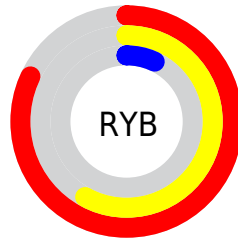
Distribution



Red (82%)

Green (38%)

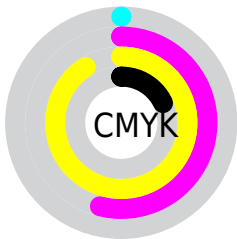
Blue (7%)



Red (82%)

Yellow (58%)

Blue (7%)

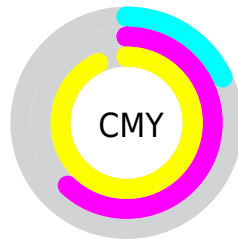


Cyan (0%)

Magenta (54%)

Yellow (91%)

Black (18%)



Cyan (18%)

Magenta (62%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color D26013 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 D26013 by changing the saturation by 10% instead.

 D26013

 D26013

FFFFFF

 B34600

 FF9549

 942D00

 FFB063

 751000

 FFCC7E

 580000

 FFE999

 3C0000

 FFFFB4

 1E0001

 FFFF00

 000000

 FFFFED

 D26013

 D26013

 D25500

 D26D28

 D2793D

 D28652

 D29267

 D29F7C

 D2AB91

 D2B8A6

 D2C4BB

 D2D1D0

Harmonies

Analogous

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



EB4151



D26013



A57B00

Triad

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



D26013



009C75



6576F3

Complementary

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



D26013



1385D2

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.



008CFE



D26013



009DB4

Square

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



D26013



009733



0099E7



C155CA

Rectangle

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



D26013



808800



0099E7



107FFB

Sweetspot

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



D26013



FFD6BA



D21386



806757



000000



808080

Same Dimension

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



D26013



FF6700



D2BF13



69625E



A84400



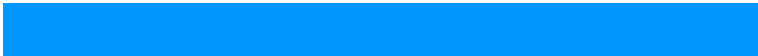
291000

Inverse Universe

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



1385D2



0098FF



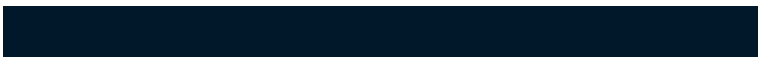
1326D2



5E6469



0064A8



001829

Previews

White Background



This preview shows how the Hex color D26013 looks on a white background.

Color Contrast Check

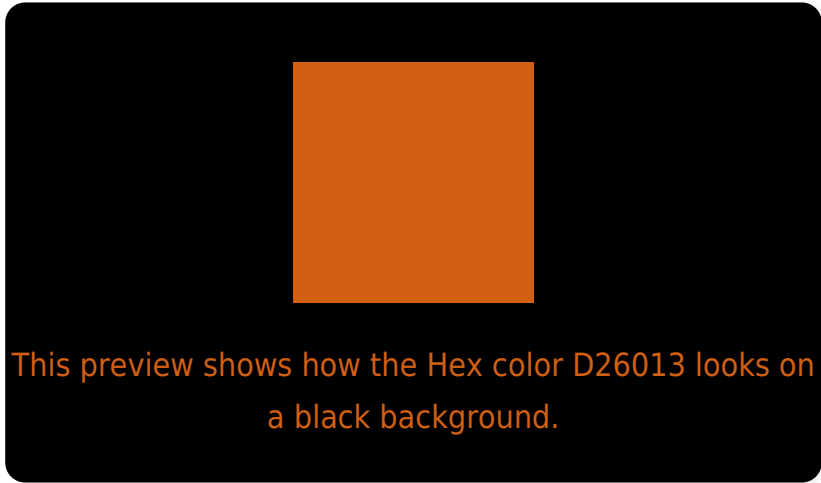
Large Text (above 18pt) WCAG AA ✓ Pass

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 D26013 Background



This preview shows how black text looks on a background with the Hex color D26013.



This preview shows how white text looks on a background with the Hex color D26013.

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
D26013

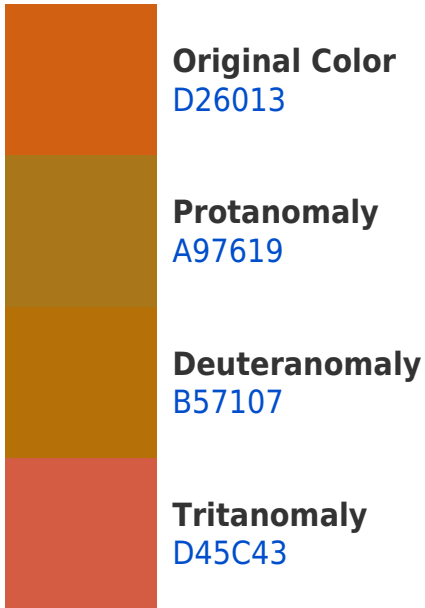
Protanopia
92821C

Deuteranopia
A47B00

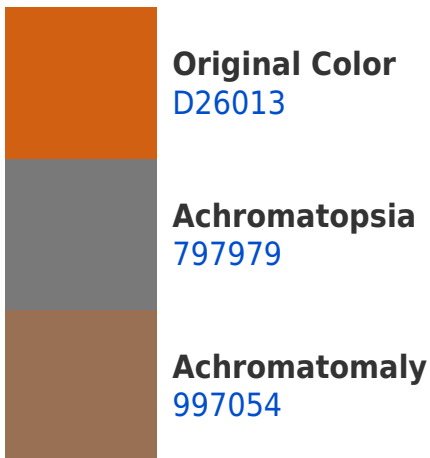


Tritanopia
D5595F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D26013 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 #D26013 looks like.

```
.text, #text, p{  
    color:#D26013  
}
```

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 #D26013 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D26013
}
```

Border

The CSS property to change the border of an element to Hex D26013 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
#D26013 }
```

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

```
.border{ border-color:#D26013 }
```

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

Here you see how a box with a 4 pixel #D26013 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D26013; -webkit-box-shadow:4px 4px  
4px 4px #D26013; box-shadow:4px 4px 4px  
4px #D26013 }
```

Background

The CSS property to change the background color of an element to Hex D26013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D26013 }
```

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

```
.background{ background-color:#D26013 }
```

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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