

# Converting Colors

Hex(C26232)

Have a look what the booklet for  
Hex(C26232) contains.

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**Color**

**Hex(C26232)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C26232
RGB	194, 98, 50
RGB Percent	76%, 38%, 20%
CMY	0.2392, 0.6157, 0.8039
CMYK	0.00, 0.49, 0.74, 0.24
HSL	20°, 59%, 48%
HSV	20°, 74%, 76%
XYZ	27.1915, 20.4350, 5.5288
YIQ	121.2320, 72.6240, 5.4240

# Conversions

## Conversions Part 2

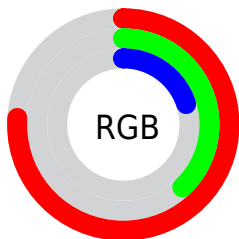
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">194, 122, 50</a>
Decimal	<a href="#">12739122</a>
<a href="#">CIELab</a>	<a href="#">52.33, 34.95, 43.74</a>
<a href="#">CIElCh</a>	<a href="#">52, 55.992, 51.373</a>
<a href="#">Yxy</a>	<a href="#">20.4350, 0.5115, 0.3844</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4290929202 (0xFFC26232)</a>
<a href="#">YUV</a>	<a href="#">121.2320, -35.1174, 63.8175</a>
<a href="#">Hunter-Lab</a>	<a href="#">45.2051, 28.2616, 24.3921</a>

# Details

The Hex color **C26232** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **3292C2**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **FF9663**, and **863001** is the 20% darker color. If you saturate the color by 10%, you get **C2551F**, and if you desaturate by 10%, it is **C26F45**.

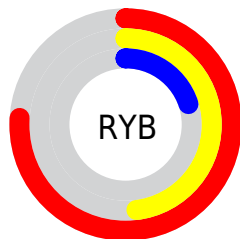
# Distribution



Red (76%)

Green (38%)

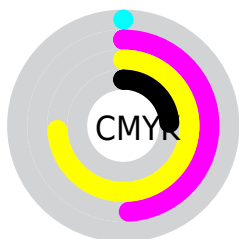
Blue (20%)



Red (76%)

Yellow (48%)

Blue (20%)

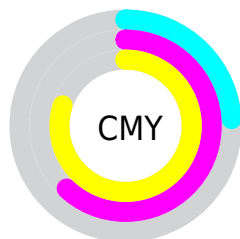


Cyan (0%)

Magenta (49%)

Yellow (74%)

Black (24%)



Cyan (24%)

Magenta (62%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C26232 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 C26232 by changing the saturation by 10% instead.



 C26232

 C26232

FFFFFF

 A4491A

 FF9663

 863001

 FFB17C

 691700

 FFCD97

 4C0000

 FFEAB2

 320000

 FFFFCE

 050000

 FFFFEA

 000000

 C26232

 C26232

 C2551F

 C26F45

 C2480B

 C27C59

 C24100

 C2896C

 C29680

 C2A393

 C2B0A6

 C2BDBA

 C2C9CD

 C2D6E1

# Harmonies

## Analogous

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



D3515D



C26232



A17610

# Triad

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



C26232



00936D



6276D7

# Complementary

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



C26232



3292C2

# 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.



0086DC



C26232



00939E

# Square

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



C26232



358E3D



0090C7



A961B9

# Rectangle

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



C26232



84800C



0090C7



387CDB



# Sweetspot

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



C26232



FCD7C5



C23292



80695E



000000



808080



# Same Dimension

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



C26232



FC671C



C2AA32



615A57



A13600



210B00



# Inverse Universe

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



3292C2



1CB2FC



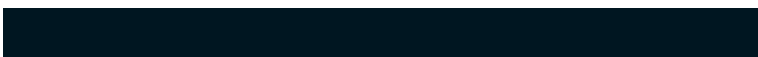
324AC2



575E61



006BA1

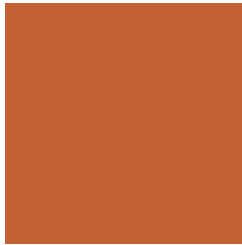


001621



# Previews

## White Background



This preview shows how the Hex color C26232 looks on a white background.

## Color Contrast Check

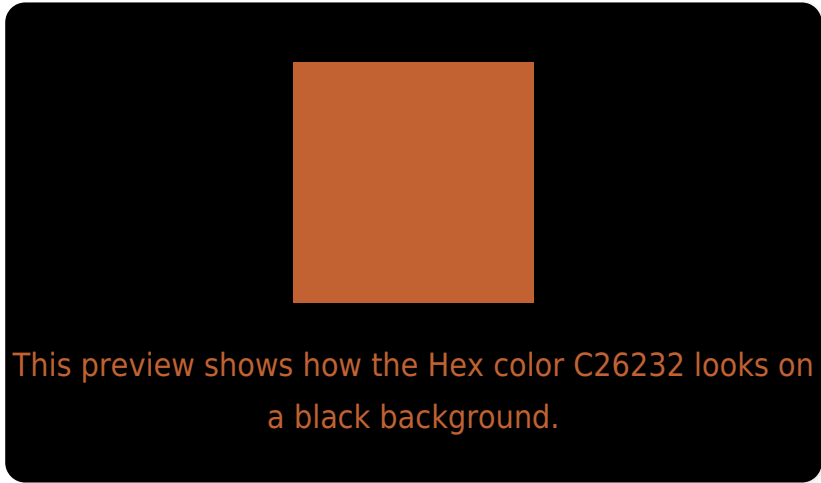
Large Text (above 18pt) WCAG AA ✓ Pass

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 C26232 Background



This preview shows how black text looks on a background with the Hex color C26232.

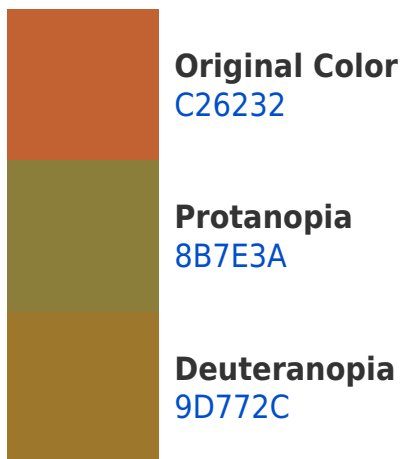


This preview shows how white text looks on a background with the Hex color C26232.

# 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](#).

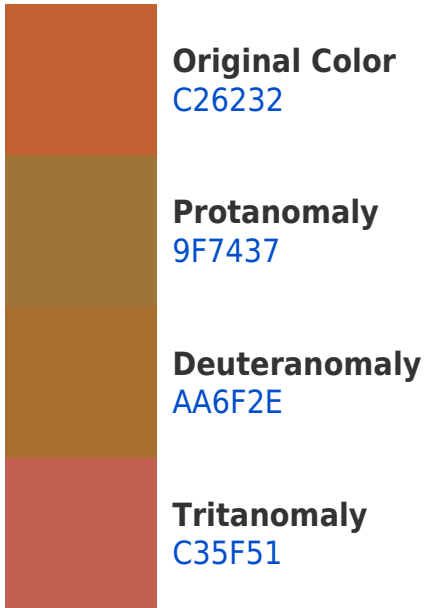
## Dichromacy



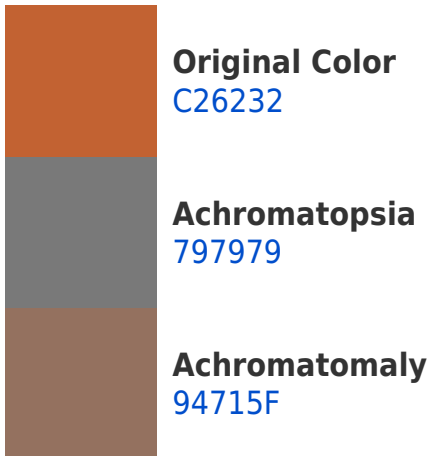


**Tritanopia**  
C45D63

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C26232 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 #C26232 looks like.

```
.text, #text, p{  
    color:#C26232  
}
```

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 #C26232 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C26232
}
```

## Border

The CSS property to change the border of an element to Hex C26232 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
#C26232 }
```

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

```
.border{ border-color:#C26232 }
```

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

Here you see how a box with a 4 pixel #C26232 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C26232; -webkit-box-shadow:4px 4px  
4px 4px #C26232; box-shadow:4px 4px 4px  
4px #C26232 }
```

# Background

The CSS property to change the background color of an element to Hex C26232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C26232 }
```

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

```
.background{ background-color:#C26232 }
```

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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