

# Converting Colors

Hex(C27624)

Have a look what the booklet for  
Hex(C27624) contains.

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**Color**

**Hex(C27624)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C27624
RGB	194, 118, 36
RGB Percent	76%, 46%, 14%
CMY	0.2392, 0.5373, 0.8588
CMYK	0.00, 0.39, 0.81, 0.24
HSL	31°, 69%, 45%
HSV	31°, 81%, 76%
XYZ	29.0450, 24.5536, 4.8775
YIQ	131.3760, 71.6180, -9.3900

# Conversions

## Conversions Part 2

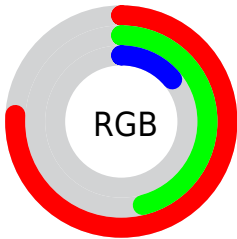
<b>Format</b>	<b>Color</b>
<b>RYB</b>	182, 194, 36
Decimal	12744228
CIELab	56.64, 23.69, 54.21
CIELCh	57, 59.157, 66.396
Yxy	24.5536, 0.4967, 0.4199
Android (android.graphics.Color)	4290934308 (0xFFC27624)
YUV	131.3760, -47.0204, 54.9212
Hunter-Lab	49.5516, 17.9138, 28.8500

# Details

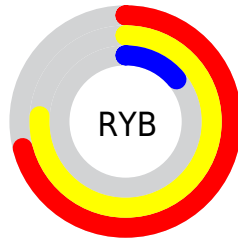
The Hex color **C27624** is a dark color, and the websafe version is hex **996600**. The color can be described as dark muted orange. A complement of this color would be **2470C2**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FFAA58**, and **874500** is the 20% darker color. If you saturate the color by 10%, you get **C26D11**, and if you desaturate by 10%, it is **C27F37**.

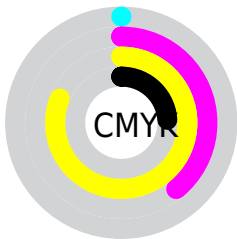
# Distribution



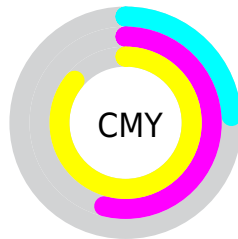
- Red (76%)
- Green (46%)
- Blue (14%)



- Red (71%)
- Yellow (76%)
- Blue (14%)



- Cyan (0%)
- Magenta (39%)
- Yellow (81%)
- Black (24%)



- Cyan (24%)
- Magenta (54%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C27624 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 C27624 by changing the saturation by 10% instead.



 C27624

 C27624

FFFFFF

 A45D03

 FFAA58

 874500

 FFC672

 6A2E00

 FFE28C

 4D1800

 FFFFA8

 330200

 FFFFC3

 150000

 FFFF E0

 000000

 FFFFFD

 C27624

 C27624

 C26D11

 C27F37

 C26500

 C2894B

 C2925E

 C29B72

 C2A585

 C2AE98

 C2B7AC

 C2C1BF

 C2CAD3

# Harmonies

## Analogous

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



DE614D



C27624



98890E

# Triad

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



C27624



00A092



9875DB

# Complementary

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



C27624



2470C2

# 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.



0F8AEF



C27624



009FC4

# Square

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



C27624



009D5C



0098E6



CE5FB2

# Rectangle

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



C27624



759220



0098E6



7C7DE5



# Sweetspot

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



C27624



FCDFC0



C22470



806E5B



000000



808080



# Same Dimension

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



C27624



FC8505



BFC224



615C57



A15300



211100



# Inverse Universe

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



2470C2



057CFC



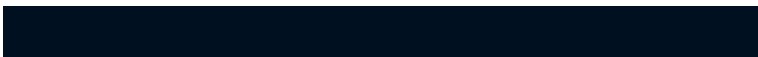
2724C2



575C61



004DA1



001021



# Previews

## White Background



This preview shows how the Hex color C27624 looks on a white background.

## Color Contrast Check

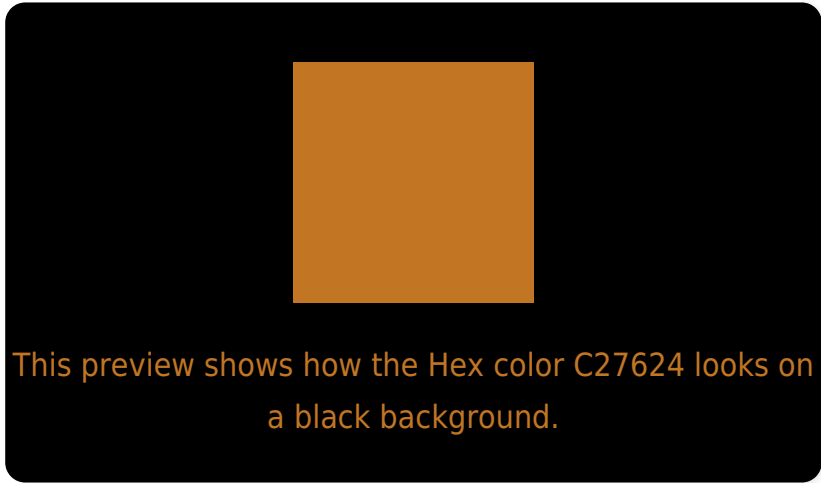
Large Text (above 18pt) WCAG AA ✓ Pass

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 C27624 Background



This preview shows how black text looks on a background with the Hex color C27624.



This preview shows how white text looks on a background with the Hex color C27624.

# 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**  
C27624

**Protanopia**  
998929

**Deuteranopia**  
AC811F



**Tritanopia**  
C66E76

# Trichromacy



**Original Color**  
C27624

**Protanomaly**  
A88227

**Deuteranomaly**  
B47D21

**Tritanomaly**  
C57158

# Monochromacy



**Original Color**  
C27624

**Achromatopsia**  
838383

**Achromatomaly**  
9A7E60

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C27624 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 #C27624 looks like.

```
.text, #text, p{  
    color:#C27624  
}
```

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 #C27624 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C27624
}
```

## Border

The CSS property to change the border of an element to Hex C27624 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
#C27624 }
```

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

```
.border{ border-color:#C27624 }
```

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

Here you see how a box with a 4 pixel #C27624 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C27624; -webkit-box-shadow:4px 4px  
4px 4px #C27624; box-shadow:4px 4px 4px  
4px #C27624 }
```

# Background

The CSS property to change the background color of an element to Hex C27624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C27624 }
```

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

```
.background{ background-color:#C27624 }
```

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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