

# Converting Colors

Hex(C74527)

Have a look what the booklet for  
Hex(C74527) contains.

<b>Hex(C74527)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(C74527)

# Conversions

## Conversions Part 1

Format	Color
Hex	C74527
RGB	199, 69, 39
RGB Percent	78%, 27%, 15%
CMY	0.2196, 0.7294, 0.8471
CMYK	0.00, 0.65, 0.80, 0.22
HSL	11°, 67%, 47%
HSV	11°, 80%, 78%
XYZ	26.0475, 16.5448, 3.7401
YIQ	104.4500, 87.1100, 18.2300

# Conversions

## Conversions Part 2

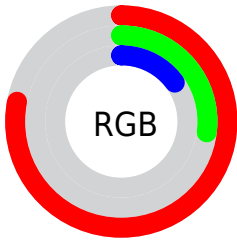
<b>Format</b>	<b>Color</b>
<b>RYB</b>	199, 76, 39
Decimal	13059367
CIELab	47.68, 50.28, 44.78
CIElCh	48, 67.334, 41.688
Yxy	16.5448, 0.5622, 0.3571
Android (android.graphics.Color)	4291249447 (0xFFC74527)
YUV	104.4500, -32.2668, 82.9204
Hunter-Lab	40.6754, 43.1253, 23.0211

# Details

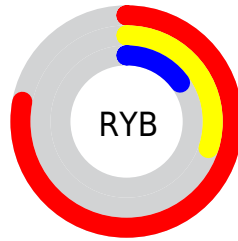
The Hex color **C74527** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **27A9C7**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **FF7B57**, and **890100** is the 20% darker color. If you saturate the color by 10%, you get **C73513**, and if you desaturate by 10%, it is **C7553B**.

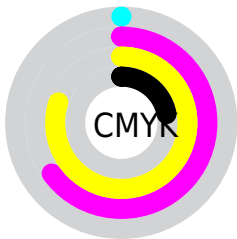
# Distribution



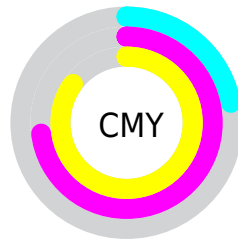
- Red (78%)
- Green (27%)
- Blue (15%)



- Red (78%)
- Yellow (30%)
- Blue (15%)



- Cyan (0%)
- Magenta (65%)
- Yellow (80%)
- Black (22%)



- Cyan (22%)
- Magenta (73%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C74527 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 C74527 by changing the saturation by 10% instead.



 C74527

 C74527

FFFFFF

 A8290F

 FF7B57

 890100

 FF9770

 6B0000

 FFB28A

 4D0000

 FFCFA4

 320002

 FFECC0

 000000

 FFFFDC

 FFFFF8

 C74527

 C74527

 C73513

 C7553B

 C72500

 C7654F

 C77663

 C78677

 C7968B

 C7A69E

 C7B6B2

 C7C6C6

 C7D7DA

# Harmonies

## Analogous

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



D42C5E



C74527



A56100

# Triad

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



C74527



00884B



0071E2

# Complementary

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



C74527



27A9C7

# 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.



0081DE



C74527



008A87

# Square

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



C74527



308206



0089BC



8E56C7

# Rectangle

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



C74527



867000



0089BC



0077E4



# Sweetspot

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



C74527



FFCDC2



C727AA



80615B



000000



808080



# Same Dimension

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



C74527



FF380A



C79427



635B5A



A31F00



240700

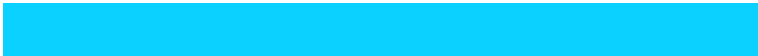


# Inverse Universe

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



27A9C7



0AD1FF



275AC7



5A6263



0085A3

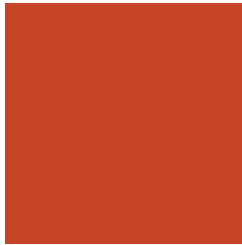


001D24



# Previews

## White Background



This preview shows how the Hex color C74527 looks on a white background.

## Color Contrast Check

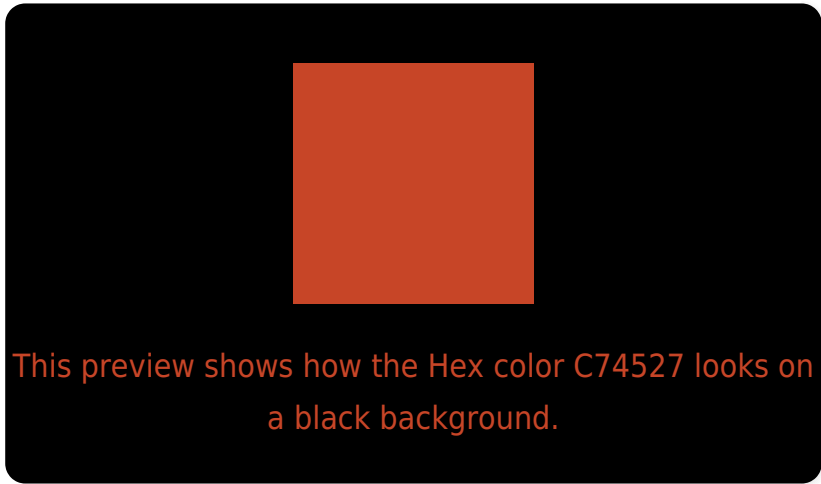
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C74527 Background



This preview shows how black text looks on a background with the Hex color C74527.



This preview shows how white text looks on a background with the Hex color C74527.

# 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**  
C74527

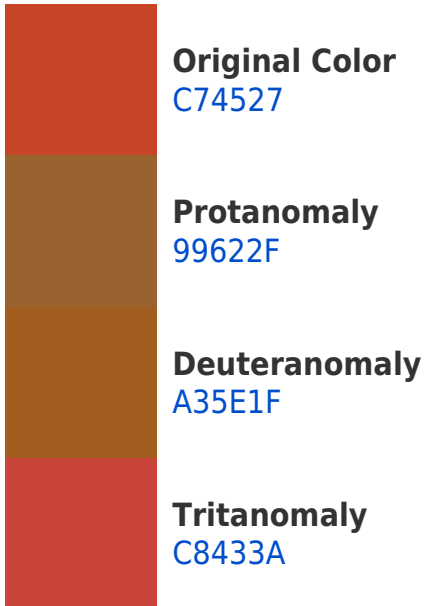
**Protanopia**  
7E7233

**Deuteranopia**  
8F6C1B

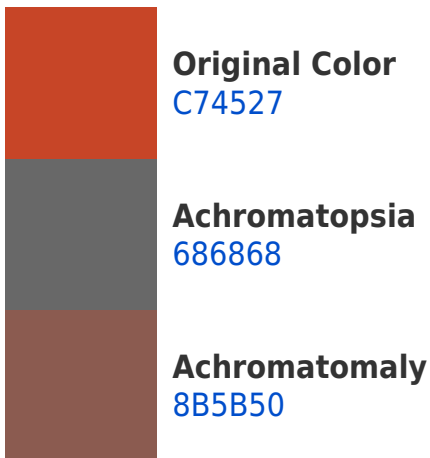


**Tritanopia**  
C84245

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C74527 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 #C74527 looks like.

```
.text, #text, p{  
    color:#C74527  
}
```

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 #C74527 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C74527
}
```

## Border

The CSS property to change the border of an element to Hex C74527 is called "border". The border property can be set on classes, ids or directly on the HTML element.

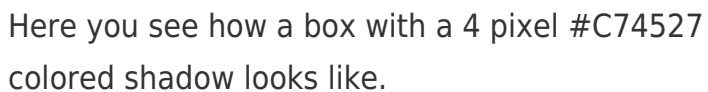
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C74527 }
```

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

```
.border{ border-color:#C74527 }
```

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



Here you see how a box with a 4 pixel `#C74527` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C74527; -webkit-box-shadow:4px 4px  
4px 4px #C74527; box-shadow:4px 4px 4px  
4px #C74527 }
```

# Background

The CSS property to change the background color of an element to Hex C74527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C74527 }
```

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

```
.background{ background-color:#C74527 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor