

# Converting Colors

Hex(C37227)

Have a look what the booklet for  
Hex(C37227) contains.

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**Color**

**Hex(C37227)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C37227
RGB	195, 114, 39
RGB Percent	76%, 45%, 15%
CMY	0.2353, 0.5529, 0.8471
CMYK	0.00, 0.42, 0.80, 0.24
HSL	29°, 67%, 46%
HSV	29°, 80%, 76%
XYZ	28.8892, 23.7832, 4.9874
YIQ	129.6690, 72.3510, -6.1530

# Conversions

## Conversions Part 2

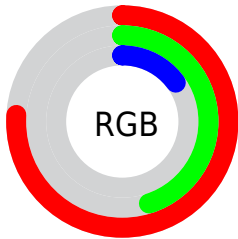
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">195, 183, 39</a>
Decimal	<a href="#">12808743</a>
CIELab	<a href="#">55.87, 26.39, 52.35</a>
CIElCh	<a href="#">56, 58.631, 63.246</a>
Yxy	<a href="#">23.7832, 0.5010, 0.4125</a>
Android (android.graphics.Color)	<a href="#">4290998823 (0xFFC37227)</a>
YUV	<a href="#">129.6690, -44.6998, 57.2953</a>
Hunter-Lab	<a href="#">48.7680, 20.3957, 28.0741</a>

# Details

The Hex color **C37227** 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 **2778C3**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FFA65A**, and **874100** is the 20% darker color. If you saturate the color by 10%, you get **C36813**, and if you desaturate by 10%, it is **C37C3B**.

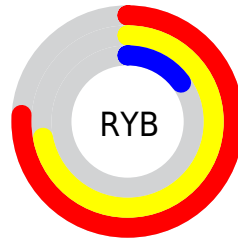
# Distribution



Red (76%)

Green (45%)

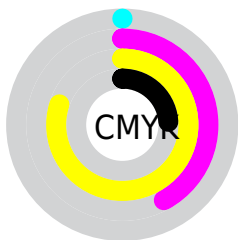
Blue (15%)



Red (76%)

Yellow (72%)

Blue (15%)

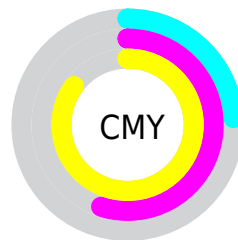


Cyan (0%)

Magenta (42%)

Yellow (80%)

Black (24%)



Cyan (24%)

Magenta (55%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C37227 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 C37227 by changing the saturation by 10% instead.



 C37227

 C37227

FFFFFF

 A55909

 FFA65A

 874100

 FFC274

 6B2A00

 FFDE8E

 4E1300

 FFFAAA

 330000

 FFFFC5

 140000

 FFFF E2

 000000

 C37227

 C37227

 C36813

 C37C3B

 C35E00

 C3864E

 C39062

 C39B75

 C3A588

 C3AF9C

 C3B9B0

 C3C3C3

 C3CDD7

# Harmonies

## Analogous

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



DD5D51



C37227



9A850D

# Triad

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



C37227



009E8A



8D76DC

# Complementary

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



C37227



2778C3

# 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.



008AEC



C37227



009DBC

# Square

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



C37227



009B56



0097E0



C75FB5

# Rectangle

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



C37227



798F1B



0097E0



707DE4



# Sweetspot

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



C37227



FCDDC0



C3277A



806C5B



000000



808080



# Same Dimension

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



C37227



FC7F0A



C3BE27



615C57



A14D00



211000



# Inverse Universe

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



2778C3



0A88FC



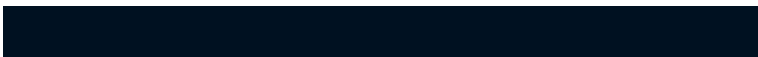
272CC3



575C61



0053A1

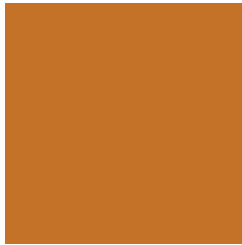


001121



# Previews

## White Background



This preview shows how the Hex color C37227 looks on a white background.

## Color Contrast Check

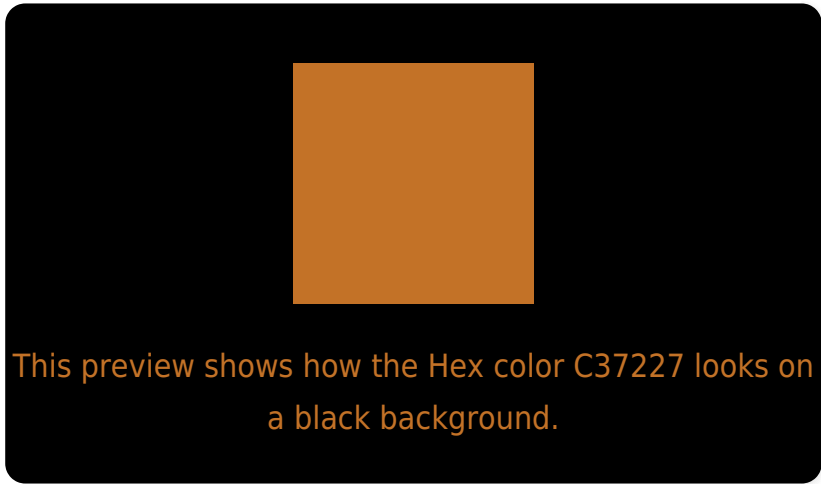
Large Text (above 18pt) WCAG AA ✓ Pass

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 C37227 Background



This preview shows how black text looks on a background with the Hex color C37227.



This preview shows how white text looks on a background with the Hex color C37227.

# 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**  
C37227

**Protanopia**  
96872C

**Deuteranopia**  
A98022



**Tritanopia**  
C76B72

# Trichromacy



**Original Color**  
C37227

**Protanomaly**  
A67F2A

**Deuteranomaly**  
B27B24

**Tritanomaly**  
C66E57

# Monochromacy



**Original Color**  
C37227

**Achromatopsia**  
828282

**Achromatomaly**  
9A7C61

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C37227 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 #C37227 looks like.

```
.text, #text, p{  
    color:#C37227  
}
```

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 #C37227 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C37227
}
```

## Border

The CSS property to change the border of an element to Hex C37227 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
#C37227 }
```

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

```
.border{ border-color:#C37227 }
```

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

Here you see how a box with a 4 pixel #C37227 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C37227; -webkit-box-shadow:4px 4px  
4px 4px #C37227; box-shadow:4px 4px 4px  
4px #C37227 }
```

# Background

The CSS property to change the background color of an element to Hex C37227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C37227 }
```

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

```
.background{ background-color:#C37227 }
```

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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