

Converting Colors

Hex(C37028)

Have a look what the booklet for
Hex(C37028) contains.

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Color

Hex(C37028)

Conversions

Conversions Part 1

Format	Color
Hex	C37028
RGB	195, 112, 40
RGB Percent	76%, 44%, 16%
CMY	0.2353, 0.5608, 0.8431
CMYK	0.00, 0.43, 0.79, 0.24
HSL	28°, 66%, 46%
HSV	28°, 79%, 76%
XYZ	28.6829, 23.3436, 5.0015
YIQ	128.6090, 72.5800, -4.7960

Conversions

Conversions Part 2

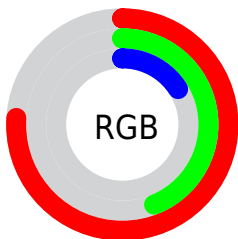
Format	Color
R _Y B	195, 174, 40
Decimal	12808232
CIE Lab	55.42, 27.51, 51.52
CIE LCh	55, 58.404, 61.898
Yxy	23.3436, 0.5030, 0.4093
Android (android.graphics.Color)	4290998312 (0xFFC37028)
YUV	128.6090, -43.6842, 58.2249
Hunter-Lab	48.3153, 21.4167, 27.6831

Details

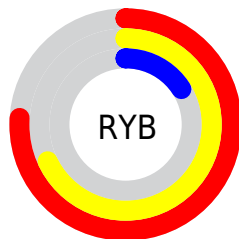
The Hex color **C37028** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **287BC3**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FFA45B**, and **873F00** is the 20% darker color. If you saturate the color by 10%, you get **C36614**, and if you desaturate by 10%, it is **C37A3C**.

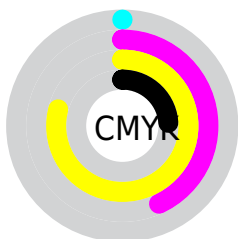
Distribution



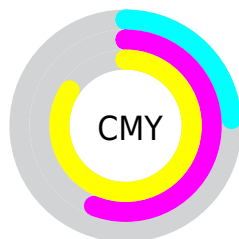
- Red (76%)
- Green (44%)
- Blue (16%)



- Red (76%)
- Yellow (68%)
- Blue (16%)



- Cyan (0%)
- Magenta (43%)
- Yellow (79%)
- Black (24%)



- Cyan (24%)
- Magenta (56%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color C37028 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 C37028 by changing the saturation by 10% instead.

 C37028

 C37028

FFFFFF

 A5570B

 FFA45B

 873F00

 FFC074

 6B2800

 FFDC8F

 4E1100

 FFF8AA

 330000

 FFFFFC6

 120000

 FFFFFE2

 000000

 C37028

 C37028

 C36614

 C37A3C

 C35B01

 C3854F

 C35B00

 C38F62

 C39A76

 C3A489

 C3AF9D

 C3B9B1

 C3C4C4

 C3CED8

Harmonies

Analogous

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



DC5C52



C37028



9B830C

Triad

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



C37028



009C87



8976DB

Complementary

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



C37028



287BC3

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.



008AEA



C37028



009CB9

Square

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



C37028



009952



0096DE



C45FB5

Rectangle

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



C37028



7A8D19



0096DE



6A7DE3

Sweetspot

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



C37028



FCDC00



C3287D



806C5B



000000



808080

Same Dimension

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



C37028



FC7C0D



C3BB28



615C57



A14B00



210F00

Inverse Universe

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



287BC3



0D8DFC



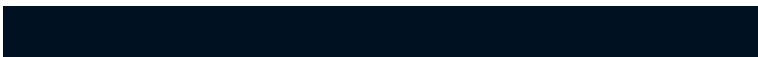
2830C3



575C61



0056A1



001221

Previews

White Background



This preview shows how the Hex color C37028 looks on a white background.

Color Contrast Check

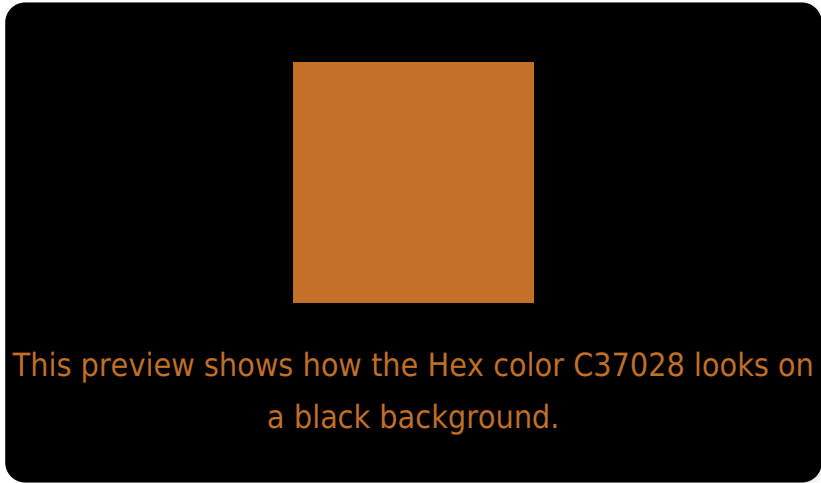
Large Text (above 18pt) WCAG AA ✓ Pass

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

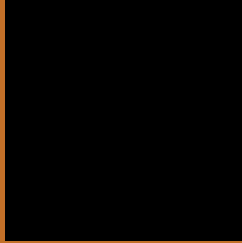
Any Text WCAG AA ✓ Pass

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 C37028 Background



This preview shows how black text looks on a background with the Hex color C37028.



This preview shows how white text looks on a background with the Hex color C37028.

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
C37028

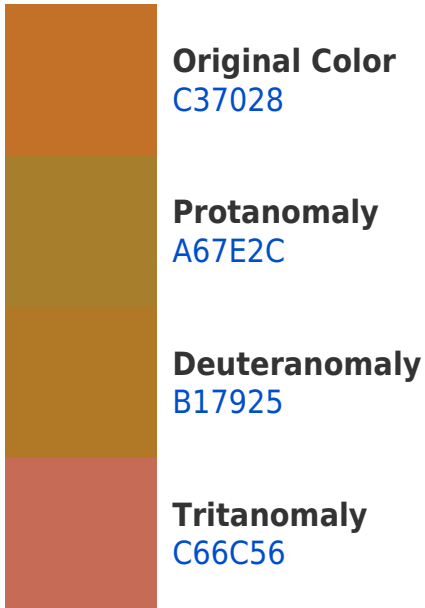
Protanopia
95862E

Deuteranopia
A77E23



Tritanopia
C76970

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C37028 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 #C37028 looks like.

```
.text, #text, p{  
    color:#C37028  
}
```

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 #C37028 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C37028
}
```

Border

The CSS property to change the border of an element to Hex C37028 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
#C37028 }
```

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

```
.border{ border-color:#C37028 }
```

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

Here you see how a box with a 4 pixel #C37028 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C37028; -webkit-box-shadow:4px 4px  
4px 4px #C37028; box-shadow:4px 4px 4px  
4px #C37028 }
```

Background

The CSS property to change the background color of an element to Hex C37028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C37028 }
```

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

```
.background{ background-color:#C37028 }
```

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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