

# Converting Colors

Hex(C27F38)

Have a look what the booklet for  
Hex(C27F38) contains.

<b>Hex(C27F38)</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(C27F38)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C27F38
RGB	194, 127, 56
RGB Percent	76%, 50%, 22%
CMY	0.2392, 0.5020, 0.7804
CMYK	0.00, 0.35, 0.71, 0.24
HSL	31°, 55%, 49%
HSV	31°, 71%, 76%
XYZ	30.5513, 26.9336, 7.3299
YIQ	138.9390, 62.7230, -7.8770

# Conversions

## Conversions Part 2

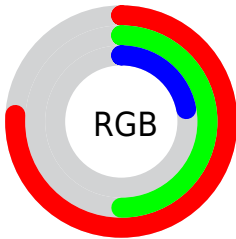
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	186, 194, 56
Decimal	12746552
CIE <sub>Lab</sub>	58.91, 19.61, 47.80
CIE <sub>LCh</sub>	59, 51.665, 67.699
Yxy	26.9336, 0.4714, 0.4155
Android (android.graphics.Color)	4290936632 (0xFFC27F38)
YUV	138.9390, -40.8889, 48.2885
Hunter-Lab	51.8976, 14.2594, 27.9544

# Details

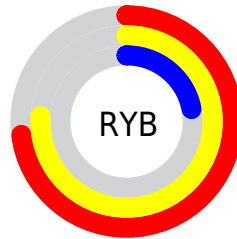
The Hex color **C27F38** is a dark color, and the websafe version is hex **996600**. The color can be described as dark muted orange. A complement of this color would be **387BC2**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FEB46A**, and **884E01** is the 20% darker color. If you saturate the color by 10%, you get **C27625**, and if you desaturate by 10%, it is **C2884B**.

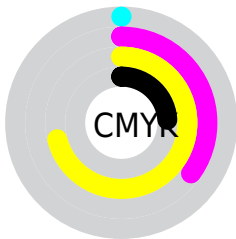
# Distribution



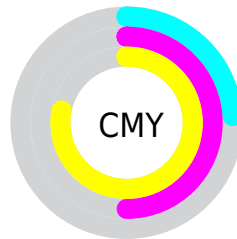
- Red (76%)
- Green (50%)
- Blue (22%)



- Red (73%)
- Yellow (76%)
- Blue (22%)



- Cyan (0%)
- Magenta (35%)
- Yellow (71%)
- Black (24%)



- Cyan (24%)
- Magenta (50%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C27F38 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 C27F38 by changing the saturation by 10% instead.



 C27F38

 C27F38

FFFFFF

 A5661F

 FEB46A

 884E01

 FFCF85

 6C3600

 FFEC9F

 502100

 FFFFBB

 350B00

 FFFFFD7

 1C0001

 FFFFF4

 000000

 C27F38

 C27F38

 C27625

 C2884B

 C26C11

 C2925F

 C26400

 C29B72

 C2A586

 C2AE99

 C2B8AC

 C2C1C0

 C2CAD3

 C2D4E7

# Harmonies

## Analogous

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



DB6E59



C27F38



9C8F2D

# Triad

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



C27F38



00A498



A07DD6

# Complementary

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



C27F38



387BC2

# 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.



4C8FE8



C27F38



00A2C4

# Square

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



C27F38



19A26A



009CE1



CE6CB1

# Rectangle

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



C27F38



7D9838



009CE1



8983DE

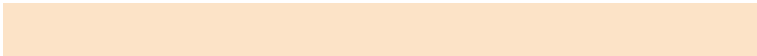


# Sweetspot

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



C27F38



FCE3C7



C2387D



807060



000000



808080



# Same Dimension

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



C27F38



FC9426



C2C238



615C57



A15300



211100



# Inverse Universe

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



387BC2



268EFC



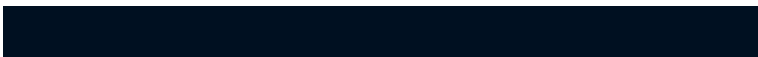
3838C2



575C61



004EA1

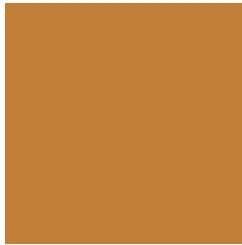


001021



# Previews

## White Background



This preview shows how the Hex color C27F38 looks on a white background.

## Color Contrast Check

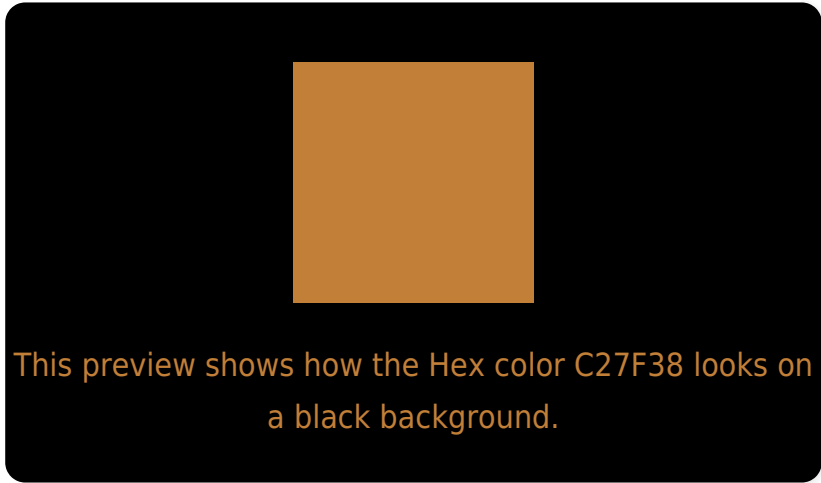
Large Text (above 18pt) WCAG AA ✓ Pass

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 C27F38 Background



This preview shows how black text looks on a background with the Hex color C27F38.



This preview shows how white text looks on a background with the Hex color C27F38.

# 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**  
C27F38

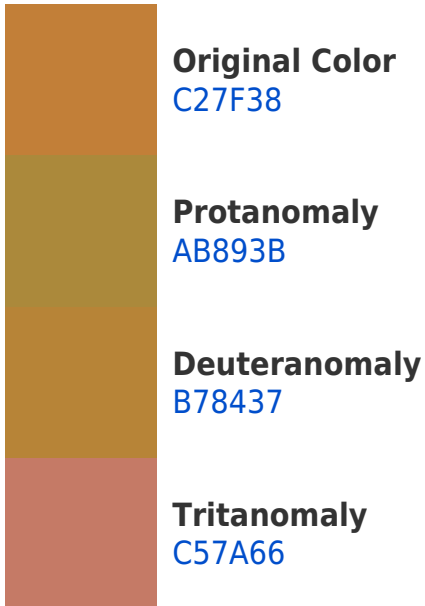
**Protanopia**  
9E8E3C

**Deuteranopia**  
B18736

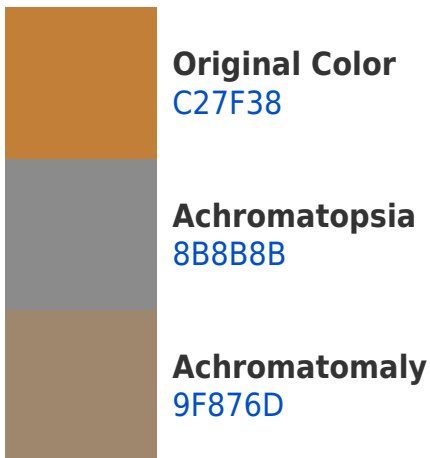


**Tritanopia**  
C67780

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C27F38 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 #C27F38 looks like.

```
.text, #text, p{  
    color:#C27F38  
}
```

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 #C27F38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C27F38
}
```

## Border

The CSS property to change the border of an element to Hex C27F38 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
#C27F38 }
```

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

```
.border{ border-color:#C27F38 }
```

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

Here you see how a box with a 4 pixel #C27F38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C27F38; -webkit-box-shadow:4px 4px  
4px 4px #C27F38; box-shadow:4px 4px 4px  
4px #C27F38 }
```

# Background

The CSS property to change the background color of an element to Hex C27F38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C27F38 }
```

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

```
.background{ background-color:#C27F38 }
```

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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