

Converting Colors

Hex(C22027)

Have a look what the booklet for
Hex(C22027) contains.

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Color

Hex(C22027)

Conversions

Conversions Part 1

Format	Color
Hex	C22027
RGB	194, 32, 39
RGB Percent	76%, 13%, 15%
CMY	0.2392, 0.8745, 0.8471
CMYK	0.00, 0.84, 0.80, 0.24
HSL	357°, 72%, 44%
HSV	357°, 84%, 76%
XYZ	23.1309, 12.6488, 3.1418
YIQ	81.2360, 94.3050, 36.5210

Conversions

Conversions Part 2

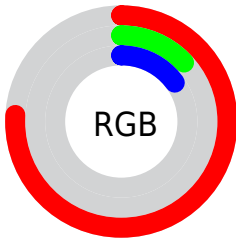
Format	Color
RYB	194, 32, 39
Decimal	12722215
CIELab	42.23, 61.18, 39.05
CIElCh	42, 72.581, 32.551
Yxy	12.6488, 0.5943, 0.3250
Android (android.graphics.Color)	4290912295 (0xFFC22027)
YUV	81.2360, -20.8223, 98.8940
Hunter-Lab	35.5652, 53.8535, 19.6580

Details

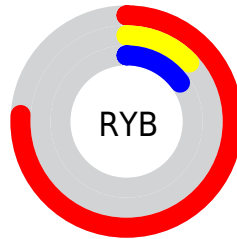
The Hex color **C22027** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **20C2BB**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **FF5F55**, and **840000** is the 20% darker color. If you saturate the color by 10%, you get **C20D14**, and if you desaturate by 10%, it is **C2333A**.

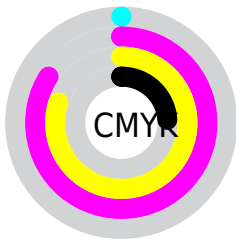
Distribution



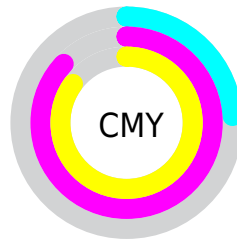
- Red (76%)
- Green (13%)
- Blue (15%)



- Red (76%)
- Yellow (13%)
- Blue (15%)



- Cyan (0%)
- Magenta (84%)
- Yellow (80%)
- Black (24%)



- Cyan (24%)
- Magenta (87%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color C22027 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 C22027 by changing the saturation by 10% instead.

 C22027

 C22027

FFFFFFF

 A20012

 FF5F55

 840000

 FF7B6E

 640000

 FF9887

 470002

 FFB4A1

 290001

 FFD2BD

 000000

 FFEFD8

 FFFFF5

 C22027

 C22027

 C20D14

 C2333A

 C20008

 C2474C

 C25A5F

 C26E71

 C28184

 C29496

 C2A8A9

 C2BBBB

 C2CFCE

Harmonies

Analogous

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



C80061



C22027



A44A00

Triad

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



C22027



007927



006ADD

Complementary

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



C22027



20C2BB

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.



0078CF



C22027



007C67

Square

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



C22027



357200



007CA3



6151CA

Rectangle

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



C22027



875C00



007CA3



0070DC

Sweetspot

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



C22027



FCBDC0



BA20C2



80595B



000000



808080

Same Dimension

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



C22027



FC000B



C26920



615758



A10007



210001

Inverse Universe

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



C22027



FC000B



2079C2



615758



A10007



210001

Previews

White Background



This preview shows how the Hex color C22027 looks on a white background.

Color Contrast Check

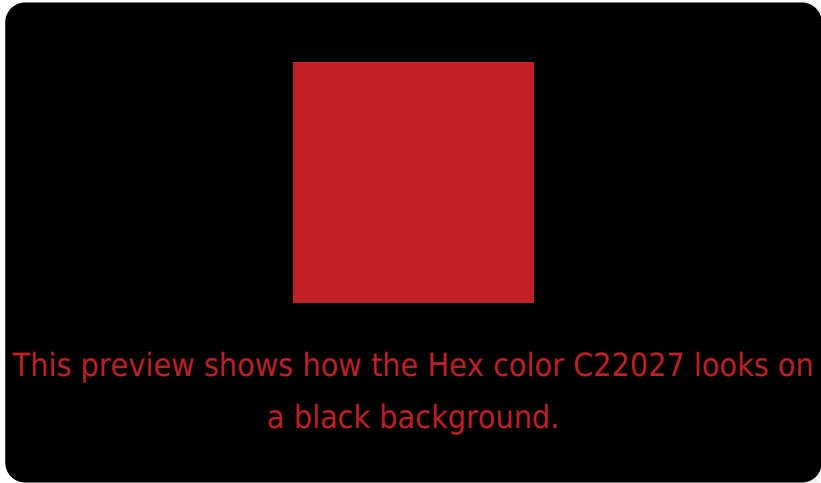
Large Text (above 18pt) WCAG AA ✓ Pass

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 C22027 Background



This preview shows how black text looks on a background with the Hex color C22027.



This preview shows how white text looks on a background with the Hex color C22027.

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
C22027

Protanopia
6F653A

Deuteranopia
7F6019

Trichromacy



Original Color
C22027

Protanomaly
8D4C33

Deuteranomaly
97491E

Tritanomaly
C22123

Monochromacy



Original Color
C22027

Achromatopsia
515151

Achromatomaly
7A3F42

CSS Examples

Text

The CSS property to change the color of the text to Hex C22027 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 #C22027 looks like.

```
.text, #text, p{  
    color:#C22027  
}
```

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 #C22027 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C22027 }  
}
```

Border

The CSS property to change the border of an element to Hex C22027 is called "border". The border property can be set on classes, ids or directly on the HTML element.

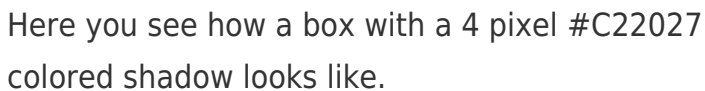
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #C22027 }  
}
```

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

```
.border{ border-color:#C22027 }
```

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



Here you see how a box with a 4 pixel `#C22027` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C22027; -webkit-box-shadow:4px 4px  
4px 4px #C22027; box-shadow:4px 4px 4px  
4px #C22027 }
```

Background

The CSS property to change the background color of an element to Hex C22027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C22027 }
```

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

```
.background{ background-color:#C22027 }
```

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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