

Converting Colors

Hex(C22727)

Have a look what the booklet for
Hex(C22727) contains.

| | |
|--|----|
| Hex(C22727) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(C22727)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | C22727 |
| RGB | 194, 39, 39 |
| RGB Percent | 76%, 15%, 15% |
| CMY | 0.2392, 0.8471, 0.8471 |
| CMYK | 0.00, 0.80, 0.80, 0.24 |
| HSL | 0°, 67%, 46% |
| HSV | 0°, 80%, 76% |
| XYZ | 23.3399, 13.0669, 3.2115 |
| YIQ | 85.3450, 92.3800, 32.8600 |

Conversions

Conversions Part 2

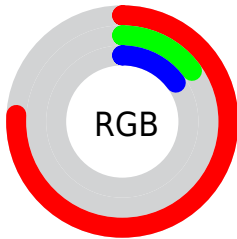
| Format | Color |
|-------------------------------------|--|
| RYB | 194, 39, 39 |
| Decimal | 12724007 |
| CIELab | 42.86, 59.38, 39.70 |
| CIElCh | 43, 71.428, 33.762 |
| Yxy | 13.0669, 0.5891, 0.3298 |
| Android (android.graphics.Color) | 4290914087 (0xFFC22727) |
| YUV | 85.3450, -22.8481, 95.2904 |
| Hunter-Lab | 36.1481, 51.9935, 20.0362 |

Details

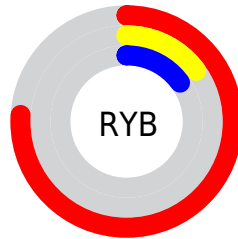
The Hex color **C22727** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **27C2C2**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **FF6355**, and **840000** is the 20% darker color. If you saturate the color by 10%, you get **C21414**, and if you desaturate by 10%, it is **C23A3A**.

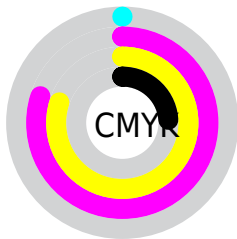
Distribution



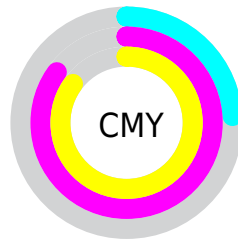
- Red (76%)
- Green (15%)
- Blue (15%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color C22727 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 C22727 by changing the saturation by 10% instead.

 C22727

 C22727

FFFFFF

 A30011

 FF6355

 840000

 FF7F6E

 650000

 FF9C87

 470002

 FFB8A2

 290001

 FFD5BD

 000000

 FFF3D9

 FFFFF5

 C22727

 C22727

 C21414

 C23A3A

 C20000

 C24E4E

 C26161

 C27575

 C28888

 C29B9B

 C2AF AF

 C2C2C2

 C2D6D6

Harmonies

Analogous

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



C90061



C22727



A34D00

Triad

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



C22727



007B2C



006BDD

Complementary

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



C22727



27C2C2

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.



0079D0



C22727



007E6B

Square

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



C22727



357400



007EA6



6851C9

Rectangle

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



C22727



865F00



007EA6



0071DC

Sweetspot

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



C22727



FCC0C0



C227C2



805B5B



000000



808080

Same Dimension

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



C22727



FC0A0A



C27527



615757



A10000



210000

Inverse Universe

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



27C2C2



0AFCFC



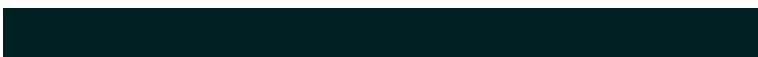
2775C2



576161



00A1A1



002121

Previews

White Background



This preview shows how the Hex color C22727 looks on a white background.

Color Contrast Check

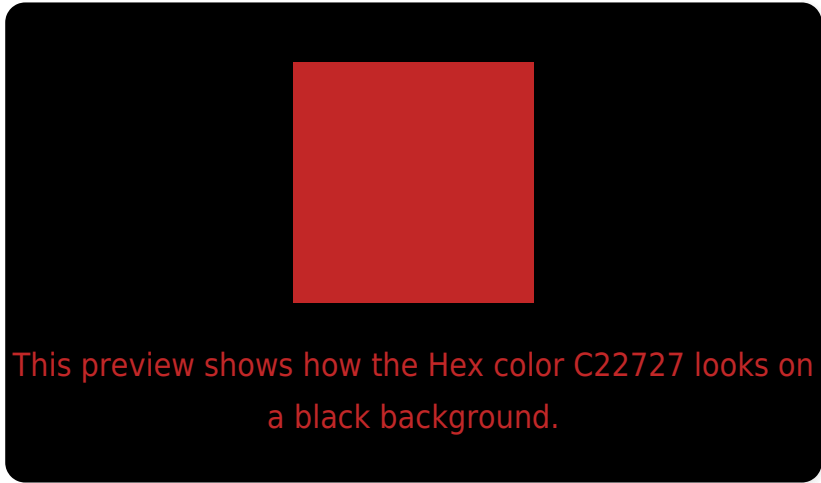
Large Text (above 18pt) WCAG AA ✓ Pass

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 C22727 Background



This preview shows how black text looks on a background with the Hex color C22727.



This preview shows how white text looks on a background with the Hex color C22727.

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

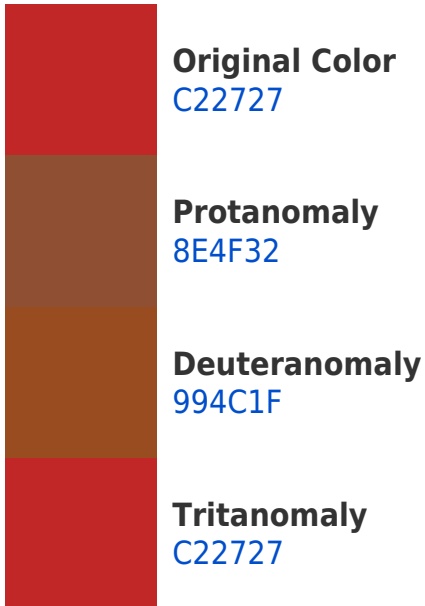


Original Color
C22727

Protanopia
706639

Deuteranopia
81611A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C22727 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 #C22727 looks like.

```
.text, #text, p{  
    color:#C22727  
}
```

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 #C22727 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C22727
}
```

Border

The CSS property to change the border of an element to Hex C22727 is called "border". The border property can be set on classes, ids or directly on the HTML element.

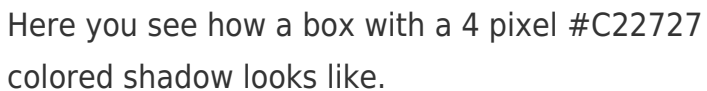
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C22727 }
```

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

```
.border{ border-color:#C22727 }
```

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



Here you see how a box with a 4 pixel `#C22727` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C22727; -webkit-box-shadow:4px 4px  
4px 4px #C22727; box-shadow:4px 4px 4px  
4px #C22727 }
```

Background

The CSS property to change the background color of an element to Hex C22727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C22727 }
```

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

```
.background{ background-color:#C22727 }
```

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