

Converting Colors

Hex(C42935)

Have a look what the booklet for
Hex(C42935) contains.

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Color

Hex(C42935)

Conversions

Conversions Part 1

Format	Color
Hex	C42935
RGB	196, 41, 53
RGB Percent	77%, 16%, 21%
CMY	0.2314, 0.8392, 0.7922
CMYK	0.00, 0.79, 0.73, 0.23
HSL	355°, 65%, 46%
HSV	355°, 79%, 77%
XYZ	24.2005, 13.5787, 4.7136
YIQ	88.7130, 88.5280, 36.5920

Conversions

Conversions Part 2

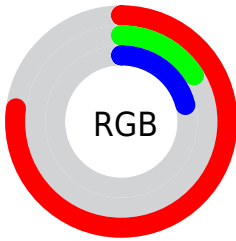
Format	Color
R _Y B	196, 41, 53
Decimal	12855605
CIE Lab	43.62, 59.91, 32.57
CIE LCh	44, 68.195, 28.531
Yxy	13.5787, 0.5695, 0.3196
Android (android.graphics.Color)	4291045685 (0xFFC42935)
YUV	88.7130, -17.6065, 94.0907
Hunter-Lab	36.8493, 52.7424, 18.2104

Details

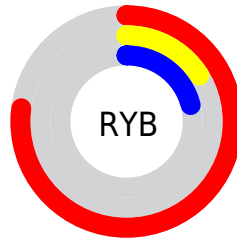
The Hex color **C42935** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **29C4B8**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **FF6564**, and **86000A** is the 20% darker color. If you saturate the color by 10%, you get **C41523**, and if you desaturate by 10%, it is **C43D47**.

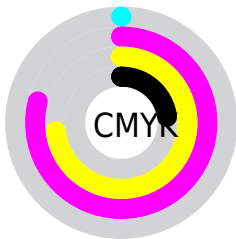
Distribution



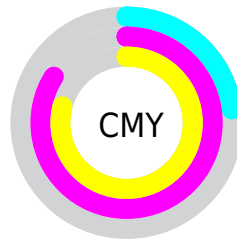
- Red (77%)
- Green (16%)
- Blue (21%)



- Red (77%)
- Yellow (16%)
- Blue (21%)



- Cyan (0%)
- Magenta (79%)
- Yellow (73%)
- Black (23%)



- Cyan (23%)
- Magenta (84%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color C42935 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 C42935 by changing the saturation by 10% instead.

 C42935

 C42935

FFFFFF

 A50020

 FF6564

 86000A

 FF817D

 680000

 FF9E97

 4A0002

 FFBAB2

 2C0001

 FFD7CD

 000000

 FFF5E9

 C42935

 C42935

 C41523

 C43D47

 C40211

 C45059

 C4000F

 C4646B

 C4777D

 C48B8F

 C49FA1

 C4B2B4

 C4C6C6

 C4D9D8

Harmonies

Analogous

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



C5166C



C42935



AA4B00

Triad

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



C42935



007B26



006FDA

Complementary

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



C42935



29C4B8

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.



007BC8



C42935



007F63

Square

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



C42935



487300



007F9C



5859CC

Rectangle

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



C42935



8F5D00



007F9C



0074D7

Sweetspot

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



C42935



FFC2C7



B729C4



805B5D



000000



808080

Same Dimension

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



C42935



FF0D20



C46A29



615758



A1000C



210003

Inverse Universe

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



C42935



FF0D20



2983C4



615758



A1000C



210003

Previews

White Background



This preview shows how the Hex color C42935 looks on a white background.

Color Contrast Check

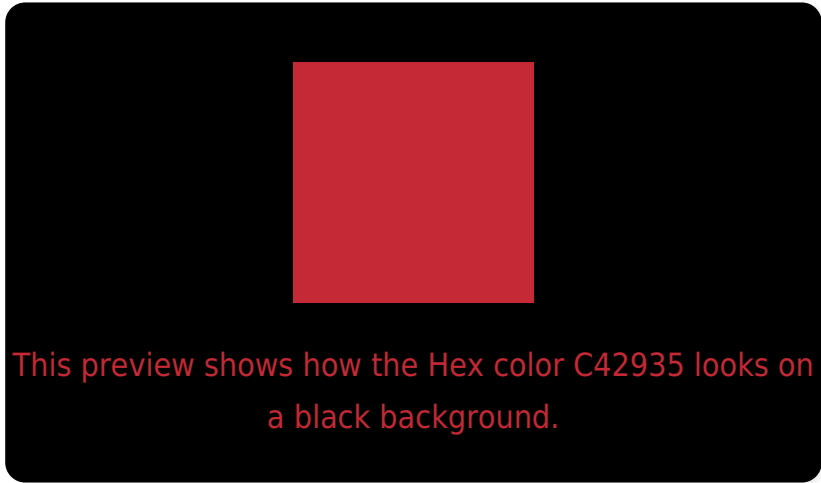
Large Text (above 18pt) WCAG AA ✓ Pass

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 C42935 Background



This preview shows how black text looks on a background with the Hex color C42935.

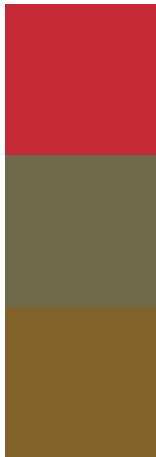


This preview shows how white text looks on a background with the Hex color C42935.

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
C42935

Protanopia
70684A

Deuteranopia
81632B

Trichromacy



Original Color
C42935

Protanomaly
8F5142

Deuteranomaly
994E2F

Tritanomaly
C42A2F

Monochromacy



Original Color
C42935

Achromatopsia
595959

Achromatomaly
80484C

CSS Examples

Text

The CSS property to change the color of the text to Hex C42935 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 #C42935 looks like.

```
.text, #text, p{  
    color:#C42935  
}
```

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 #C42935 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C42935
}
```

Border

The CSS property to change the border of an element to Hex C42935 is called "border". The border property can be set on classes, ids or directly on the HTML element.

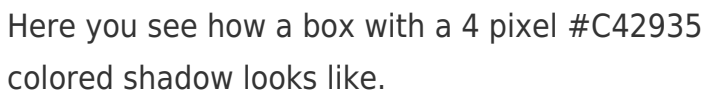
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C42935 }
```

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

```
.border{ border-color:#C42935 }
```

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



Here you see how a box with a 4 pixel `#C42935` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C42935; -webkit-box-shadow:4px 4px  
4px 4px #C42935; box-shadow:4px 4px 4px  
4px #C42935 }
```

Background

The CSS property to change the background color of an element to Hex C42935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C42935 }
```

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

```
.background{ background-color:#C42935 }
```

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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