

Converting Colors

Hex(C42A25)

Have a look what the booklet for
Hex(C42A25) contains.

Hex(C42A25)	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(C42A25)

Conversions

Conversions Part 1

Format	Color
Hex	C42A25
RGB	196, 42, 37
RGB Percent	77%, 16%, 15%
CMY	0.2314, 0.8353, 0.8549
CMYK	0.00, 0.79, 0.81, 0.23
HSL	2°, 68%, 46%
HSV	2°, 81%, 77%
XYZ	23.9268, 13.5253, 3.0998
YIQ	87.4760, 93.3890, 31.0930

Conversions

Conversions Part 2

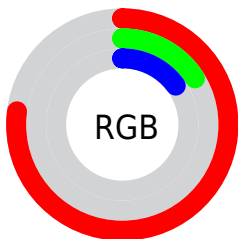
Format	Color
RYB	196, 42, 37
Decimal	12855845
CIELab	43.54, 59.05, 41.59
CIElCh	44, 72.230, 35.159
Yxy	13.5253, 0.5900, 0.3335
Android (android.graphics.Color)	4291045925 (0xFFC42A25)
YUV	87.4760, -24.8847, 95.1755
Hunter-Lab	36.7767, 51.7725, 20.7463

Details

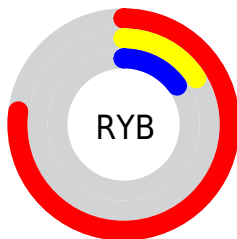
The Hex color **C42A25** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **25BFC4**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **FF6553**, and **860000** is the 20% darker color. If you saturate the color by 10%, you get **C41711**, and if you desaturate by 10%, it is **C43D39**.

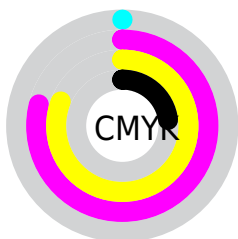
Distribution



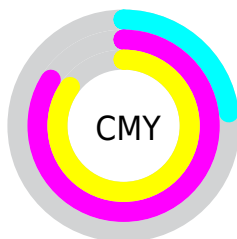
- Red (77%)
- Green (16%)
- Blue (15%)



- Red (77%)
- Yellow (16%)
- Blue (15%)



- Cyan (0%)
- Magenta (79%)
- Yellow (81%)
- Black (23%)



- Cyan (23%)
- Magenta (84%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color C42A25 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 C42A25 by changing the saturation by 10% instead.

 C42A25

 C42A25

FFFFFF

 A4000F

 FF6553

 860000

 FF826C

 660000

 FF9E86

 490001

 FFBA00

 2C0001

 FFD7BB

 000000

 FFF5D7

 FFFFF4

 C42A25

 C42A25

 C41711

 C43D39

 C40600

 C4504C

 C46360

 C47673

 C48987

 C49C9B

 C4AFAE

 C4C2C2

 C4D5D5

Harmonies

Analogous

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



CC005F



C42A25



A45000

Triad

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



C42A25



007D30



006CE0

Complementary

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



C42A25



25BFC4

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.



007AD5



C42A25



008070

Square

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



C42A25



327600



007FAB



6F51CA

Rectangle

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



C42A25



866100



007FAB



0072E0

Sweetspot

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



C42A25



FFC4C2



C425C1



805C5B



000000



808080

Same Dimension

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



C42A25



FF0F08



C47725



615857



A10500



210100

Inverse Universe

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



25BFC4



08F7FF



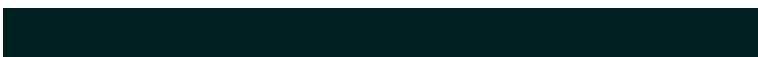
2572C4



576161



009CA1



002021

Previews

White Background



This preview shows how the Hex color C42A25 looks on a white background.

Color Contrast Check

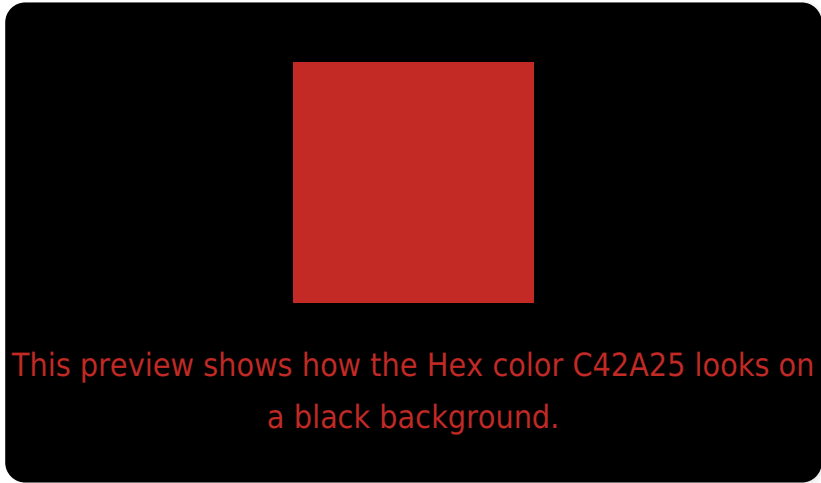
Large Text (above 18pt) WCAG AA ✓ Pass

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 C42A25 Background



This preview shows how black text looks on a background with the Hex color C42A25.



This preview shows how white text looks on a background with the Hex color C42A25.

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
C42A25

Protanopia
736836

Deuteranopia
836316



Tritanopia
C4292A

Trichromacy



Original Color
C42A25

Protanomaly
905130

Deuteranomaly
9B4E1B

Tritanomaly
C42928

Monochromacy



Original Color
C42A25

Achromatopsia
575757

Achromatomaly
7F4745

CSS Examples

Text

The CSS property to change the color of the text to Hex C42A25 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 #C42A25 looks like.

```
.text, #text, p{  
  color:#C42A25  
}
```

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 #C42A25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C42A25
}
```

Border

The CSS property to change the border of an element to Hex C42A25 is called "border". The border property can be set on classes, ids or directly on the HTML element.

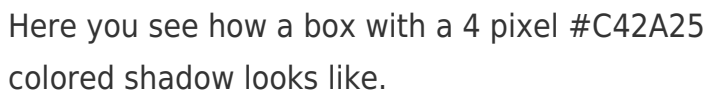
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C42A25 }
```

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

```
.border{ border-color:#C42A25 }
```

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



Here you see how a box with a 4 pixel `#C42A25` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C42A25; -webkit-box-shadow:4px 4px  
4px 4px #C42A25; box-shadow:4px 4px 4px  
4px #C42A25 }
```

Background

The CSS property to change the background color of an element to Hex C42A25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C42A25 }
```

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

```
.background{ background-color:#C42A25 }
```

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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