

Converting Colors

Hex(C41E21)

Have a look what the booklet for
Hex(C41E21) contains.

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Color

Hex(C41E21)

Conversions

Conversions Part 1

Format	Color
Hex	C41E21
RGB	196, 30, 33
RGB Percent	77%, 12%, 13%
CMY	0.2314, 0.8824, 0.8706
CMYK	0.00, 0.85, 0.83, 0.23
HSL	359°, 73%, 44%
HSV	359°, 85%, 77%
XYZ	23.5037, 12.7741, 2.6657
YIQ	79.9760, 97.9730, 36.1250

Conversions

Conversions Part 2

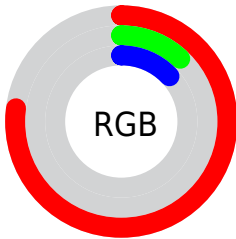
Format	Color
R_{YB}	196, 30, 33
Decimal	12852769
CIE Lab	42.42, 62.02, 42.65
CIE LCh	42, 75.272, 34.516
Yxy	12.7741, 0.6035, 0.3280
Android (android.graphics.Color)	4291042849 (0xFFC41E21)
YUV	79.9760, -23.1592, 101.7530
Hunter-Lab	35.7409, 54.8377, 20.5965

Details

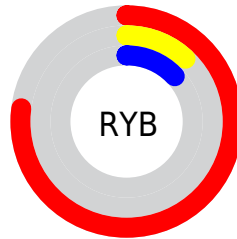
The Hex color **C41E21** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **1EC4C1**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **FF5E4F**, and **850000** is the 20% darker color. If you saturate the color by 10%, you get **C40A0E**, and if you desaturate by 10%, it is **C43234**.

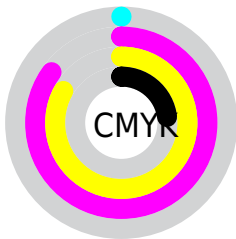
Distribution



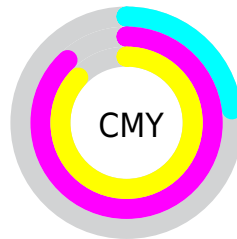
- Red (77%)
- Green (12%)
- Blue (13%)



- Red (77%)
- Yellow (12%)
- Blue (13%)



- Cyan (0%)
- Magenta (85%)
- Yellow (83%)
- Black (23%)



- Cyan (23%)
- Magenta (88%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color C41E21 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 C41E21 by changing the saturation by 10% instead.

 C41E21

 C41E21

FFFFFF

 A4000B

 FF5E4F

 850000

 FF7B67

 660000

 FF9781

 480002

 FFB49B

 2A0001

 FFD1B6

 000000

 FFEFD2

 FFFFEE

 C41E21

 C41E21

 C40A0E

 C43234

 C40004

 C44547

 C4595B

 C46C6E

 C48081

 C49494

 C4A7A8

 C4BBBB

 C4CECE

Harmonies

Analogous

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



CC005E



C41E21



A34B00

Triad

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



C41E21



007A29



006AE2

Complementary

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



C41E21



1EC4C1

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.



0078D5



C41E21



007D6C

Square

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



C41E21



2C7300



007DAA



694ECC

Rectangle

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



C41E21



845E00



007DAA



0070E2

Sweetspot

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



C41E21



FFBFC0



BE1EC4



80595A



000000



808080

Same Dimension

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



C41E21



FF0005



C46B1E



615757



A10003



210001

Inverse Universe

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



C41E21



FF0005



1E77C4



615757



A10003



210001

Previews

White Background



This preview shows how the Hex color C41E21 looks on a white background.

Color Contrast Check

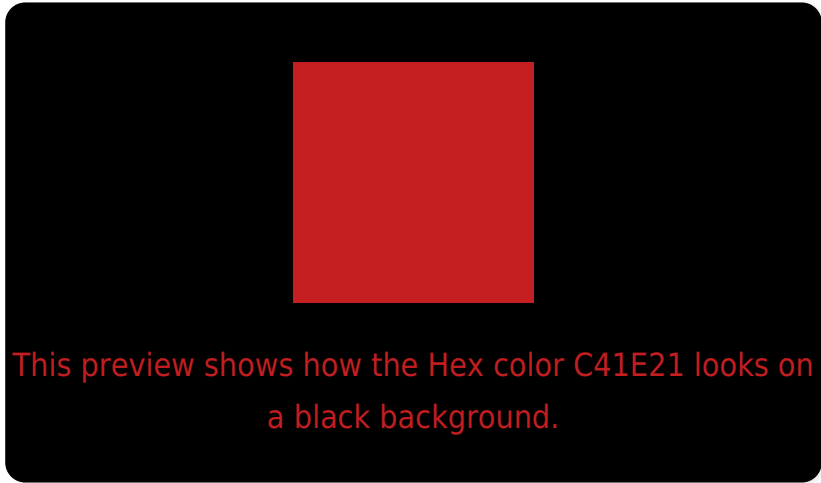
Large Text (above 18pt) WCAG AA ✓ Pass

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 C41E21 Background



This preview shows how black text looks on a background with the Hex color C41E21.



This preview shows how white text looks on a background with the Hex color C41E21.

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



Trichromacy



Original Color
C41E21

Protanomaly
8F4C2C

Deuteranomaly
994814

Tritanomaly
C41F1E

Monochromacy



Original Color
C41E21

Achromatopsia
505050

Achromatomaly
7A3E3F

CSS Examples

Text

The CSS property to change the color of the text to Hex C41E21 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 #C41E21 looks like.

```
.text, #text, p{  
    color:#C41E21  
}
```

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 #C41E21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C41E21
}
```

Border

The CSS property to change the border of an element to Hex C41E21 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".

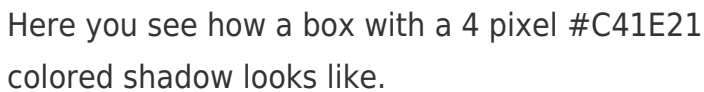
```
.border, #border, table{ border:4px solid
#C41E21 }
```

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

```
.border{ border-color:#C41E21 }
```

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

Here you see how a box with a 4 pixel #C41E21 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C41E21; -webkit-box-shadow:4px 4px  
4px 4px #C41E21; box-shadow:4px 4px 4px  
4px #C41E21 }
```

Background

The CSS property to change the background color of an element to Hex C41E21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C41E21 }
```

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

```
.background{ background-color:#C41E21 }
```

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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