

# Converting Colors

Hex(C21631)

Have a look what the booklet for  
Hex(C21631) contains.

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**Color**

**Hex(C21631)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C21631
RGB	194, 22, 49
RGB Percent	76%, 9%, 19%
CMY	0.2392, 0.9137, 0.8078
CMYK	0.00, 0.89, 0.75, 0.24
HSL	351°, 80%, 42%
HSV	351°, 89%, 76%
XYZ	23.0894, 12.2649, 4.0561
YIQ	76.5060, 93.8450, 44.8610

# Conversions

## Conversions Part 2

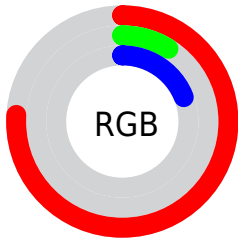
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 22, 49
Decimal	12719665
CIELab	41.63, 63.56, 32.57
CIElCh	42, 71.419, 27.135
Yxy	12.2649, 0.5859, 0.3112
Android (android.graphics.Color)	4290909745 (0xFFC21631)
YUV	76.5060, -13.5605, 103.0422
Hunter-Lab	35.0213, 56.3972, 17.6480

# Details

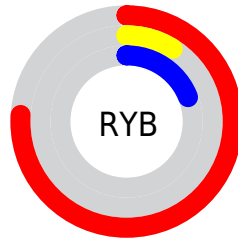
The Hex color **C21631** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **16C2A7**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **FF5A5F**, and **840005** is the 20% darker color. If you saturate the color by 10%, you get **C20321**, and if you desaturate by 10%, it is **C22941**.

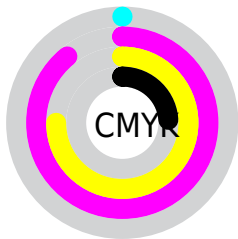
# Distribution



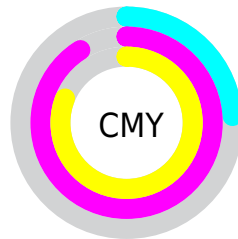
- Red (76%)
- Green (9%)
- Blue (19%)



- Red (76%)
- Yellow (9%)
- Blue (19%)



- Cyan (0%)
- Magenta (89%)
- Yellow (75%)
- Black (24%)



- Cyan (24%)
- Magenta (91%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C21631 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 C21631 by changing the saturation by 10% instead.



 C21631

 C21631

FFFFFF

 A3001C

 FF5A5F

 840005

 FF7778

 650000

 FF9492

 480003

 FFB1AC

 290001

 FFCEC8

 000000

 FFEBE4

 C21631

 C21631

 C20321

 C22941

 C2001E

 C23D52

 C25062

 C26472

 C27783

 C28A93

 C29EA3

 C2B1B4

 C2C5C4

# Harmonies

## Analogous

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



C3006B



C21631



A84300

# Triad

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



C21631



007619



006CD9

# Complementary

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



C21631



16C2A7

# 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.



0077C5



C21631



007A5B

# Square

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



C21631



436E00



007B97



4855CC

# Rectangle

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



C21631



8D5600



007B97



0071D6



# Sweetspot

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



C21631



FCB8C3



A516C2



80575D



000000



808080



# Same Dimension

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



C21631



FC0028



C24F16



615759



A10019



210005



# Inverse Universe

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



C21631



FC0028



1689C2



615759



A10019



210005



# Previews

## White Background



This preview shows how the Hex color C21631 looks on a white background.

## Color Contrast Check

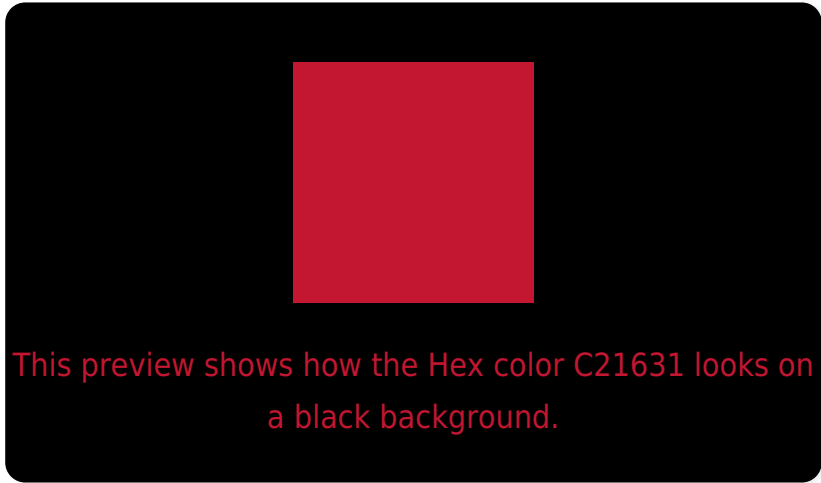
Large Text (above 18pt) WCAG AA ✓ Pass

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 C21631 Background



This preview shows how black text looks on a background with the Hex color C21631.



This preview shows how white text looks on a background with the Hex color C21631.

# 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**  
C21631

**Protanopia**  
6B6448

**Deuteranopia**  
7C5F26



# Trichromacy



**Original Color**  
C21631

**Protanomaly**  
8B4840

**Deuteranomaly**  
95442A

**Tritanomaly**  
C11A22

# Monochromacy



**Original Color**  
C21631

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
783943

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C21631 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 #C21631 looks like.

```
.text, #text, p{  
    color:#C21631  
}
```

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 #C21631 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C21631
}
```

## Border

The CSS property to change the border of an element to Hex C21631 is called "border". The border property can be set on classes, ids or directly on the HTML element.

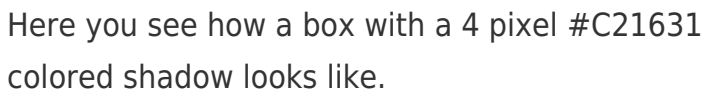
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C21631 }
```

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

```
.border{ border-color:#C21631 }
```

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



Here you see how a box with a 4 pixel `#C21631` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C21631; -webkit-box-shadow:4px 4px  
4px 4px #C21631; box-shadow:4px 4px 4px  
4px #C21631 }
```

# Background

The CSS property to change the background color of an element to Hex C21631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C21631 }
```

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

```
.background{ background-color:#C21631 }
```

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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