

Converting Colors

Hex(C21745)

Have a look what the booklet for
Hex(C21745) contains.

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Color

Hex(C21745)

Conversions

Conversions Part 1

Format	Color
Hex	C21745
RGB	194, 23, 69
RGB Percent	76%, 9%, 27%
CMY	0.2392, 0.9098, 0.7294
CMYK	0.00, 0.88, 0.64, 0.24
HSL	344°, 79%, 43%
HSV	344°, 88%, 76%
XYZ	23.6287, 12.5118, 6.7999
YIQ	79.3730, 87.1500, 50.5580

Conversions

Conversions Part 2

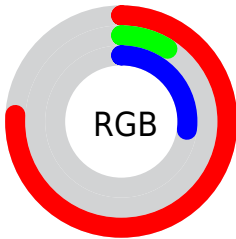
Format	Color
RYB	194, 23, 69
Decimal	12719941
CIELab	42.02, 64.31, 20.68
CIElCh	42, 67.556, 17.827
Yxy	12.5118, 0.5503, 0.2914
Android (android.graphics.Color)	4290910021 (0xFFC21745)
YUV	79.3730, -5.1139, 100.5279
Hunter-Lab	35.3720, 57.3380, 13.3626

Details

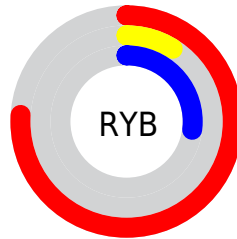
The Hex color **C21745** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **17C294**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **FF5B75**, and **84001B** is the 20% darker color. If you saturate the color by 10%, you get **C20437**, and if you desaturate by 10%, it is **C22A53**.

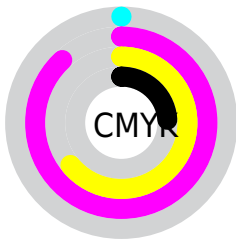
Distribution



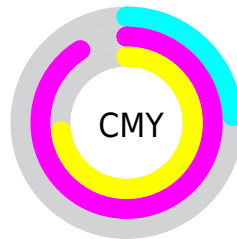
- Red (76%)
- Green (9%)
- Blue (27%)



- Red (76%)
- Yellow (9%)
- Blue (27%)



- Cyan (0%)
- Magenta (88%)
- Yellow (64%)
- Black (24%)



- Cyan (24%)
- Magenta (91%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color C21745 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 C21745 by changing the saturation by 10% instead.

 C21745

 C21745

FFFFFF

 A3002F

 FF5B75

 84001B

 FF788E

 670000

 FF95A9

 490002

 FFB2C4

 2B0001

 FFCFE0

 000000

 FFEDFC

 C21745

 C21745

 C20437

 C22A53

 C20034

 C23E61

 C25170

 C2657E

 C2788C

 C28B9A

 C29FA8

 C2B2B6

 C2C6C5

Harmonies

Analogous

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



B91A7C



C21745



B03C0B

Triad

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



C21745



007505



0071D1

Complementary

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



C21745



17C294

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.



0079B5



C21745



00794A

Square

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



C21745



5A6B00



007B84



005FCF

Rectangle

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



C21745



995000



007B84



0074CB

Sweetspot

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



C21745



FCBBCC



9217C2



805863



000000



808080

Same Dimension

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



C21745



FC0044



C23C17



61575A



A1002B



210009

Inverse Universe

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



C21745



FC0044



179DC2



61575A



A1002B



210009

Previews

White Background



This preview shows how the Hex color C21745 looks on a white background.

Color Contrast Check

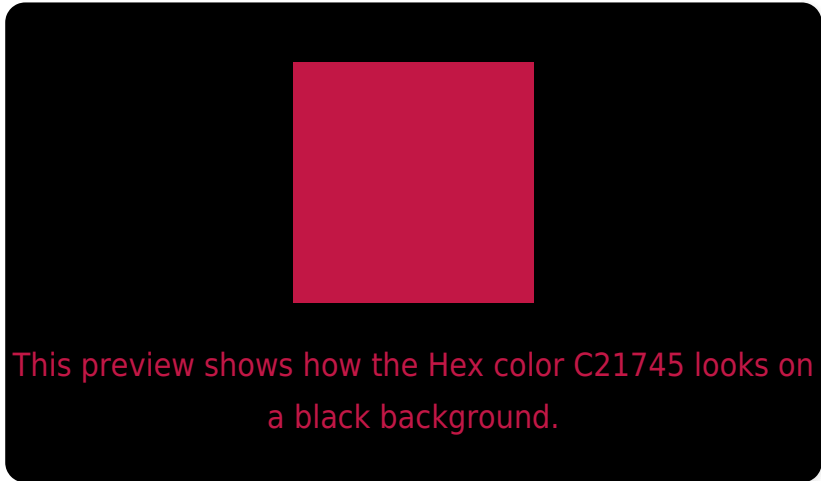
Large Text (above 18pt) WCAG AA ✓ Pass

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 C21745 Background



This preview shows how black text looks on a background with the Hex color C21745.



This preview shows how white text looks on a background with the Hex color C21745.

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

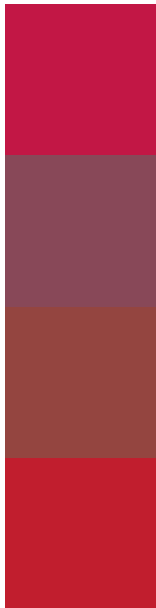


Original Color
C21745

Protanopia
676463

Deuteranopia
7A603D

Trichromacy



Original Color
C21745

Protanomaly
884858

Deuteranomaly
944540

Tritanomaly
C11E2E

Monochromacy



Original Color
C21745

Achromatopsia
4F4F4F

Achromatomaly
793B4B

CSS Examples

Text

The CSS property to change the color of the text to Hex C21745 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 #C21745 looks like.

```
.text, #text, p{  
    color:#C21745  
}
```

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 #C21745 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C21745
}
```

Border

The CSS property to change the border of an element to Hex C21745 is called "border". The border property can be set on classes, ids or directly on the HTML element.

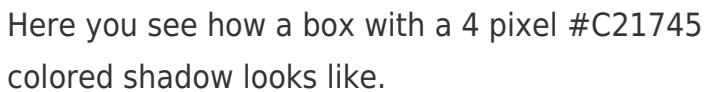
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C21745 }
```

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

```
.border{ border-color:#C21745 }
```

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



Here you see how a box with a 4 pixel `#C21745` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C21745; -webkit-box-shadow:4px 4px  
4px 4px #C21745; box-shadow:4px 4px 4px  
4px #C21745 }
```

Background

The CSS property to change the background color of an element to Hex C21745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C21745 }
```

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

```
.background{ background-color:#C21745 }
```

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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