

# Converting Colors

Hex(C24C45)

Have a look what the booklet for  
Hex(C24C45) contains.

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# Color

Hex(C24C45)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C24C45
RGB	194, 76, 69
RGB Percent	76%, 30%, 27%
CMY	0.2392, 0.7020, 0.7294
CMYK	0.00, 0.61, 0.64, 0.24
HSL	3°, 51%, 52%
HSV	3°, 64%, 76%
XYZ	25.9068, 17.0679, 7.5592
YIQ	110.4840, 72.5750, 22.8390

# Conversions

## Conversions Part 2

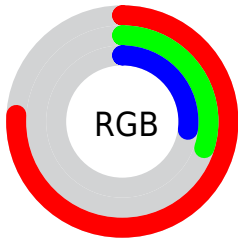
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 76, 69
Decimal	12733509
CIELab	48.35, 46.84, 28.74
CIElCh	48, 54.951, 31.536
Yxy	17.0679, 0.5127, 0.3378
Android (android.graphics.Color)	4290923589 (0xFFC24C45)
YUV	110.4840, -20.4516, 73.2435
Hunter-Lab	41.3133, 39.6355, 18.0708

# Details

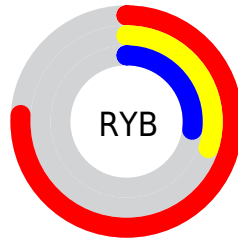
The Hex color **C24C45** is a dark color, and the websafe version is hex **993333**. The color can be described as dark muted red. A complement of this color would be **45BBC2**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF8175**, and **861219** is the 20% darker color. If you saturate the color by 10%, you get **C23A32**, and if you desaturate by 10%, it is **C25E58**.

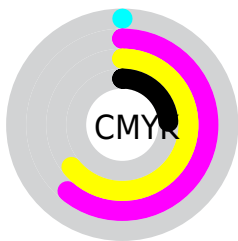
# Distribution



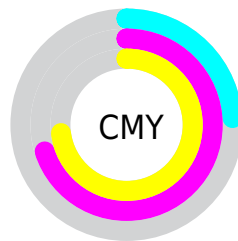
- Red (76%)
- Green (30%)
- Blue (27%)



- Red (76%)
- Yellow (30%)
- Blue (27%)



- Cyan (0%)
- Magenta (61%)
- Yellow (64%)
- Black (24%)



- Cyan (24%)
- Magenta (70%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C24C45 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 C24C45 by changing the saturation by 10% instead.



 C24C45

 C24C45

FFFFFF

 A4312E

 FF8175

 861219

 FF9D8F

 690000

 FFB9AA

 4C0000

 FFD5C5

 320002

 FFF2E1

 000000

FFFFFFE

 C24C45

 C24C45

 C23A32

 C25E58

 C2271E

 C2716C

 C2150B

 C2837F

 C20B00

 C29593

 C2A8A6

 C2BAB9

 C2CCCD

 C2DFE0

 C2F1F4

# Harmonies

## Analogous

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



C44472



C24C45



AC5F1D

# Triad

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



C24C45



008544



0078D0

# Complementary

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



C24C45



45BBC2

# 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.



0083C4



C24C45



008874

# Square

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



C24C45



587E19



0088A2



7565C2

# Rectangle

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



C24C45



956C04



0088A2



007CCF



# Sweetspot

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



C24C45



FCCFCC



C245BC



806462



000000



808080



# Same Dimension

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



C24C45



FC453A



C28A45



615857



A10900



210200



# Inverse Universe

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



45BBC2



3AF2FC



457DC2



576061



0098A1

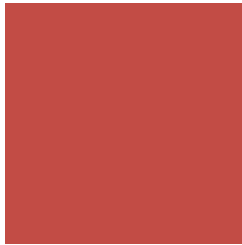


001F21



# Previews

## White Background



This preview shows how the Hex color C24C45 looks on a white background.

## Color Contrast Check

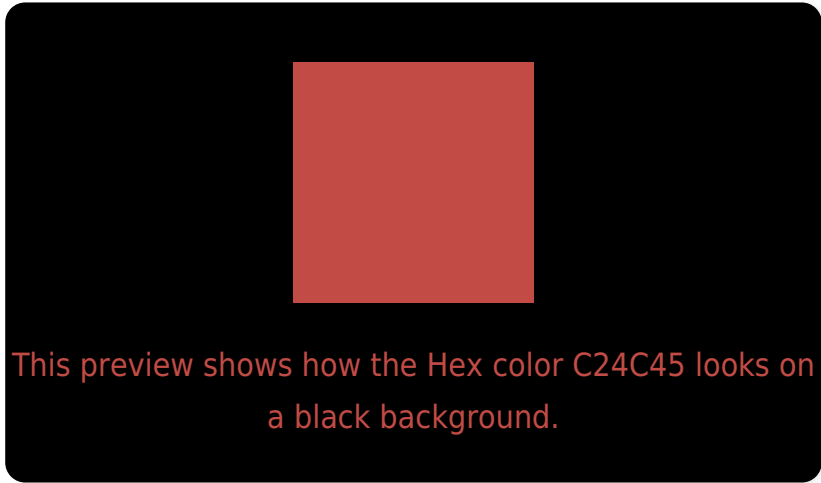
Large Text (above 18pt) WCAG AA ✓ Pass

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 C24C45 Background



This preview shows how black text looks on a background with the Hex color C24C45.



This preview shows how white text looks on a background with the Hex color C24C45.

# 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**  
C24C45

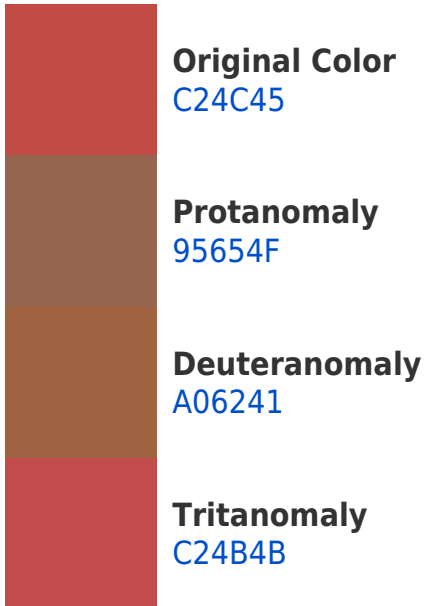
**Protanopia**  
7C7354

**Deuteranopia**  
8D6E3F

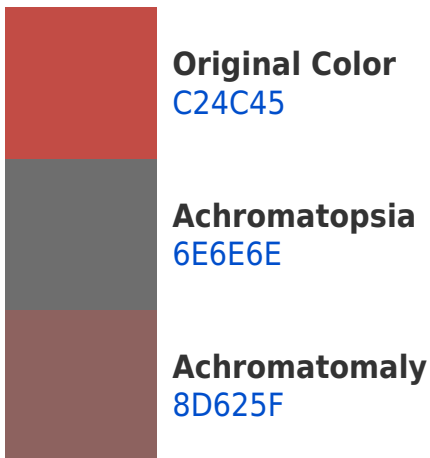


**Tritanopia**  
C24B4F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C24C45 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 #C24C45 looks like.

```
.text, #text, p{  
    color:#C24C45  
}
```

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 #C24C45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C24C45 }  
}
```

## Border

The CSS property to change the border of an element to Hex C24C45 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".

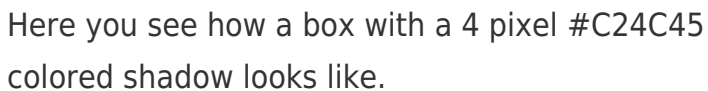
```
.border, #border, table{ border:4px solid #C24C45 }  
}
```

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

```
.border{ border-color:#C24C45 }
```

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

Here you see how a box with a 4 pixel #C24C45 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C24C45; -webkit-box-shadow:4px 4px  
4px 4px #C24C45; box-shadow:4px 4px 4px  
4px #C24C45 }
```

# Background

The CSS property to change the background color of an element to Hex C24C45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C24C45 }
```

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

```
.background{ background-color:#C24C45 }
```

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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