

# Converting Colors

Hex(C24444)

Have a look what the booklet for  
Hex(C24444) contains.

<b>Hex(C24444)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(C24444)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C24444
RGB	194, 68, 68
RGB Percent	76%, 27%, 27%
CMY	0.2392, 0.7333, 0.7333
CMYK	0.00, 0.65, 0.65, 0.24
HSL	0°, 51%, 51%
HSV	0°, 65%, 76%
XYZ	25.3586, 16.0209, 7.2246
YIQ	105.6740, 75.0960, 26.7120

# Conversions

## Conversions Part 2

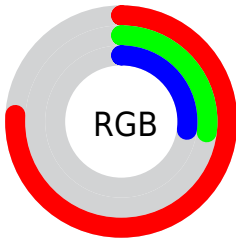
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 68, 68
Decimal	12731460
CIELab	47.00, 50.32, 27.66
CIElCh	47, 57.422, 28.791
Yxy	16.0209, 0.5217, 0.3296
Android (android.graphics.Color)	4290921540 (0xFFC24444)
YUV	105.6740, -18.5733, 77.4619
Hunter-Lab	40.0262, 43.0432, 17.3166

# Details

The Hex color **C24444** 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 **44C2C2**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FF7A74**, and **860019** is the 20% darker color. If you saturate the color by 10%, you get **C23131**, and if you desaturate by 10%, it is **C25757**.

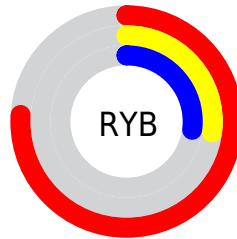
# Distribution



Red (76%)

Green (27%)

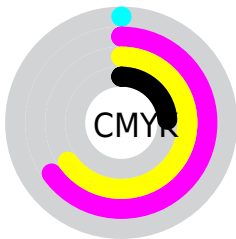
Blue (27%)



Red (76%)

Yellow (27%)

Blue (27%)

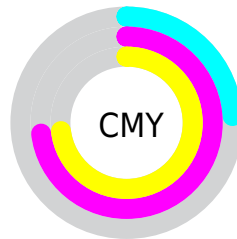


Cyan (0%)

Magenta (65%)

Yellow (65%)

Black (24%)



Cyan (24%)

Magenta (73%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C24444 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 C24444 by changing the saturation by 10% instead.



 C24444

 C24444

FFFFFF

 A4282E

 FF7A74

 860019

 FF968E

 690000

 FFB2A8

 4B0000

 FFCEC4

 300002

 FFEBE0

 000000

FFFFFFC

 C24444

 C24444

 C23131

 C25757

 C21D1D

 C26B6B

 C20A0A

 C27E7E

 C20000

 C29292

 C2A5A5

 C2B8B8

 C2CCCC

 C2DFDF

 C2F3F3

# Harmonies

## Analogous

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



C23C73



C24444



AC5918

# Triad

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



C24444



00823A



0076D0

# Complementary

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



C24444



44C2C2

# 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.



0081C2



C24444



00856C

# Square

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



C24444



587A06



00859D



6963C5

# Rectangle

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



C24444



956700



00859D



007ACE



# Sweetspot

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



C24444



FCCCCC



C244C2



806262



000000



808080



# Same Dimension

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



C24444



FC3838



C28344



615757



A10000



210000



# Inverse Universe

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



44C2C2



38FCFC



4483C2



576161



00A1A1



002121



# Previews

## White Background



This preview shows how the Hex color C24444 looks on a white background.

## Color Contrast Check

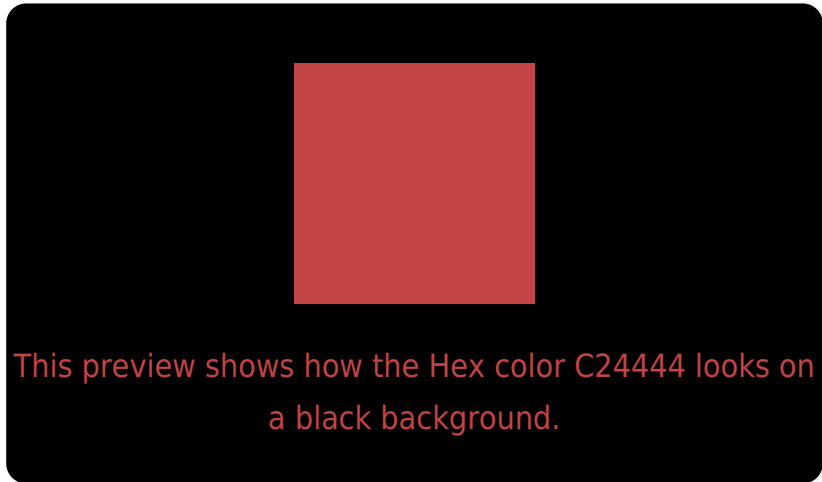
Large Text (above 18pt) WCAG AA ✓ Pass

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 C24444 Background



This preview shows how black text looks on a background with the Hex color C24444.



This preview shows how white text looks on a background with the Hex color C24444.

# 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**  
C24444

**Protanopia**  
787055

**Deuteranopia**  
896B3D



# Trichromacy



**Original Color**  
C24444

**Protanomaly**  
93604F

**Deuteranomaly**  
9E5D40

**Tritanomaly**  
C24346

# Monochromacy



**Original Color**  
C24444

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
8A5C5C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C24444 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 #C24444 looks like.

```
.text, #text, p{  
    color:#C24444  
}
```

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 #C24444 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C24444
}
```

## Border

The CSS property to change the border of an element to Hex C24444 is called "border". The border property can be set on classes, ids or directly on the HTML element.

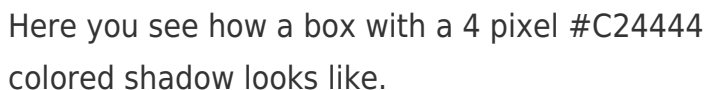
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C24444 }
```

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

```
.border{ border-color:#C24444 }
```

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



Here you see how a box with a 4 pixel `#C24444` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C24444; -webkit-box-shadow:4px 4px  
4px 4px #C24444; box-shadow:4px 4px 4px  
4px #C24444 }
```

# Background

The CSS property to change the background color of an element to Hex C24444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C24444 }
```

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

```
.background{ background-color:#C24444 }
```

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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