

Converting Colors

Hex(C12C31)

Have a look what the booklet for
Hex(C12C31) contains.

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Color

Hex(C12C31)

Conversions

Conversions Part 1

Format	Color
Hex	C12C31
RGB	193, 44, 49
RGB Percent	76%, 17%, 19%
CMY	0.2431, 0.8275, 0.8078
CMYK	0.00, 0.77, 0.75, 0.24
HSL	358°, 63%, 46%
HSV	358°, 77%, 76%
XYZ	23.4474, 13.3606, 4.2488
YIQ	89.1210, 87.1990, 33.1430

Conversions

Conversions Part 2

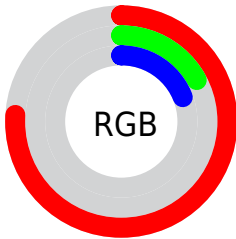
Format	Color
RYB	193, 44, 49
Decimal	12659761
CIELab	43.30, 57.97, 34.41
CIElCh	43, 67.416, 30.689
Yxy	13.3606, 0.5711, 0.3254
Android (android.graphics.Color)	4290849841 (0xFFC12C31)
YUV	89.1210, -19.7797, 91.1019
Hunter-Lab	36.5521, 50.5376, 18.6947

Details

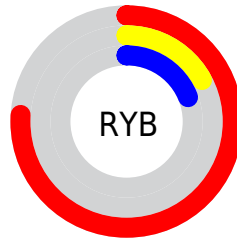
The Hex color **C12C31** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **2CC1BC**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **FF6760**, and **830004** is the 20% darker color. If you saturate the color by 10%, you get **C1191E**, and if you desaturate by 10%, it is **C13F44**.

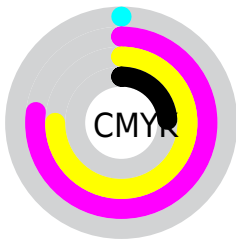
Distribution



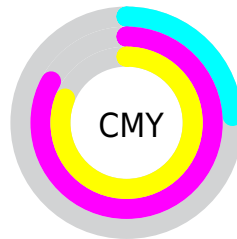
- Red (76%)
- Green (17%)
- Blue (19%)



- Red (76%)
- Yellow (17%)
- Blue (19%)



- Cyan (0%)
- Magenta (77%)
- Yellow (75%)
- Black (24%)



- Cyan (24%)
- Magenta (83%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color C12C31 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 C12C31 by changing the saturation by 10% instead.

 C12C31

 C12C31

FFFFFF

 A2001C

 FF6760

 830004

 FF8379

 650000

 FF9F92

 470001

 FFBBAD

 2A0001

 FFD8C8

 000000

 FFF6E5

 C12C31

 C12C31

 C1191E

 C13F44

 C1050C

 C15356

 C10006

 C16669

 C1797C

 C18D8E

 C1A0A1

 C1B3B4

 C1C6C6

 C1DAD9

Harmonies

Analogous

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



C41668



C12C31



A64D00

Triad

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



C12C31



007A2B



006DD7

Complementary

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



C12C31



2CC1BC

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.



007AC8



C12C31



007E66

Square

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



C12C31



437300



007E9E



6056C8

Rectangle

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



C12C31



8B5E00



007E9E



0072D6

Sweetspot

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



C12C31



FAC0C2



BA2CC1



7D5A5B



FCFCFC



7D7D7D

Same Dimension

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



C12C31



FA1119



C16F2C



615758



A10005



210001

Inverse Universe

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



C12C31



FA1119



2C7EC1



615758



A10005



210001

Previews

White Background



This preview shows how the Hex color C12C31 looks on a white background.

Color Contrast Check

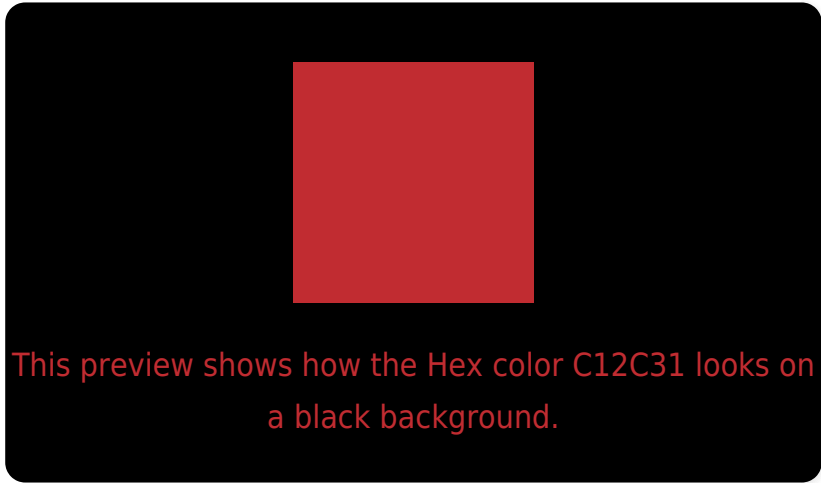
Large Text (above 18pt) WCAG AA ✓ Pass

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 C12C31 Background



This preview shows how black text looks on a background with the Hex color C12C31.

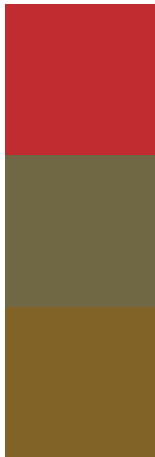


This preview shows how white text looks on a background with the Hex color C12C31.

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
C12C31

Protanopia
706744

Deuteranopia
816227

Trichromacy



Original Color
C12C31

Protanomaly
8D523D

Deuteranomaly
984E2B

Tritanomaly
C12D2F

Monochromacy



Original Color
C12C31

Achromatopsia
595959

Achromatomaly
7F494A

CSS Examples

Text

The CSS property to change the color of the text to Hex C12C31 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 #C12C31 looks like.

```
.text, #text, p{  
    color:#C12C31  
}
```

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 #C12C31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C12C31
}
```

Border

The CSS property to change the border of an element to Hex C12C31 is called "border". The border property can be set on classes, ids or directly on the HTML element.

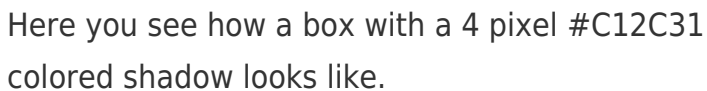
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C12C31 }
```

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

```
.border{ border-color:#C12C31 }
```

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



Here you see how a box with a 4 pixel `#C12C31` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C12C31; -webkit-box-shadow:4px 4px  
4px 4px #C12C31; box-shadow:4px 4px 4px  
4px #C12C31 }
```

Background

The CSS property to change the background color of an element to Hex C12C31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C12C31 }
```

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

```
.background{ background-color:#C12C31 }
```

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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