

Converting Colors

Hex(C21B12)

Have a look what the booklet for
Hex(C21B12) contains.

Hex(C21B12)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(C21B12)

Conversions

Conversions Part 1

Format	Color
Hex	C21B12
RGB	194, 27, 18
RGB Percent	76%, 11%, 7%
CMY	0.2392, 0.8941, 0.9294
CMYK	0.00, 0.86, 0.91, 0.24
HSL	3°, 83%, 42%
HSV	3°, 91%, 76%
XYZ	22.7492, 12.2969, 1.7468
YIQ	75.9070, 102.4210, 32.6050

Conversions

Conversions Part 2

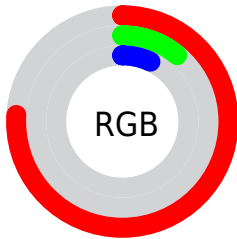
Format	Color
RYB	194, 27, 18
Decimal	12720914
CIELab	41.68, 61.80, 49.01
CIElCh	42, 78.879, 38.417
Yxy	12.2969, 0.6183, 0.3342
Android (android.graphics.Color)	4290910994 (0xFFC21B12)
YUV	75.9070, -28.5482, 103.5676
Hunter-Lab	35.0669, 54.4328, 21.5934

Details

The Hex color **C21B12** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **12B9C2**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **FF5C41**, and **830000** is the 20% darker color. If you saturate the color by 10%, you get **C20A00**, and if you desaturate by 10%, it is **C22D25**.

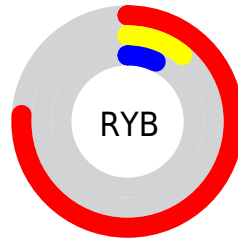
Distribution



Red (76%)

Green (11%)

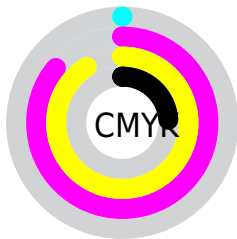
Blue (7%)



Red (76%)

Yellow (11%)

Blue (7%)

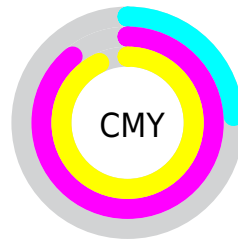


Cyan (0%)

Magenta (86%)

Yellow (91%)

Black (24%)



Cyan (24%)

Magenta (89%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color C21B12 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 C21B12 by changing the saturation by 10% instead.

 C21B12

 C21B12

FFFFFFC

 A20000

 FF5C41

 830000

 FF795A

 630000

 FF9573

 460002

 FFB28D

 270001

 FFCFA8

 000000

 FFECC3

 FFFFDF

 C21B12

 C21B12

 C20A00

 C22D25

 C24039

 C2524C

 C26560

 C27773

 C28986

 C29C9A

 C2AEAD

 C2C1C1

Harmonies

Analogous

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



CF0053



C21B12



9D4C00

Triad

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



C21B12



007A2E



0066E5

Complementary

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



C21B12



12B9C2

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.



0076DD



C21B12



007C74

Square

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



C21B12



0B7300



007CB3



7445CA

Rectangle

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



C21B12



7B5F00



007CB3



006DE7

Sweetspot

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



C21B12



FCBCB8



C212B9



805957



000000



808080

Same Dimension

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



C21B12



FC0D00



C27312



615857



A10800



210200

Inverse Universe

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



12B9C2



00F0FC



1261C2



576061



0098A1



001F21

Previews

White Background



This preview shows how the Hex color C21B12 looks on a white background.

Color Contrast Check

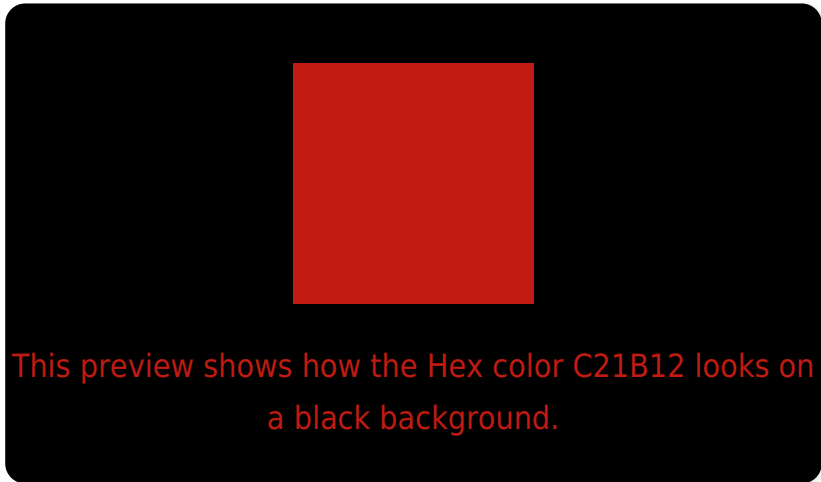
Large Text (above 18pt) WCAG AA ✓ Pass

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 C21B12 Background



This preview shows how black text looks on a background with the Hex color C21B12.



This preview shows how white text looks on a background with the Hex color C21B12.

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
C21B12

Protanopia
706422

Tritanopia
C21A17

Trichromacy



Original Color
C21B12

Protanomaly
8E491C

Tritanomaly
C21A15

Monochromacy



Original Color
C21B12

Achromatopsia
4C4C4C

Achromatomaly
773A37

CSS Examples

Text

The CSS property to change the color of the text to Hex C21B12 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 #C21B12 looks like.

```
.text, #text, p{  
    color:#C21B12  
}
```

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 #C21B12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C21B12
}
```

Border

The CSS property to change the border of an element to Hex C21B12 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".

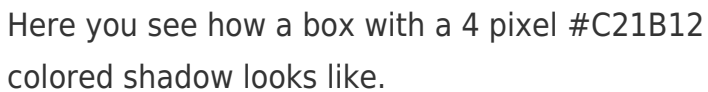
```
.border, #border, table{ border:4px solid
#C21B12 }
```

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

```
.border{ border-color:#C21B12 }
```

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

Here you see how a box with a 4 pixel #C21B12 colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #C21B12 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C21B12; -webkit-box-shadow:4px 4px  
4px 4px #C21B12; box-shadow:4px 4px 4px  
4px #C21B12 }
```

Background

The CSS property to change the background color of an element to Hex C21B12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C21B12 }
```

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

```
.background{ background-color:#C21B12 }
```

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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