

# Converting Colors

Hex(C81204)

Have a look what the booklet for  
Hex(C81204) contains.

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**Color**

**Hex(C81204)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C81204
RGB	200, 18, 4
RGB Percent	78%, 7%, 2%
CMY	0.2157, 0.9294, 0.9843
CMYK	0.00, 0.91, 0.98, 0.22
HSL	4°, 96%, 40%
HSV	4°, 98%, 78%
XYZ	24.0576, 12.7207, 1.3022
YIQ	70.8220, 112.9660, 34.2300

# Conversions

## Conversions Part 2

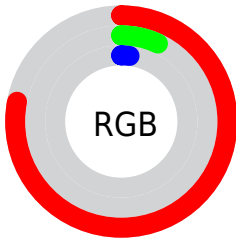
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">200, 19, 4</a>
Decimal	<a href="#">13111812</a>
CIELab	<a href="#">42.34, 64.82, 54.85</a>
CIElCh	<a href="#">42, 84.911, 40.237</a>
Yxy	<a href="#">12.7207, 0.6318, 0.3340</a>
Android (android.graphics.Color)	<a href="#">4291301892 (0xFFC81204)</a>
YUV	<a href="#">70.8220, -32.9432, 113.2891</a>
Hunter-Lab	<a href="#">35.6661, 57.9866, 22.8015</a>

# Details

The Hex color **C81204** 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 **04BAC8**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **FF5938**, and **880000** is the 20% darker color. If you saturate the color by 10%, you get **C80E00**, and if you desaturate by 10%, it is **C82518**.

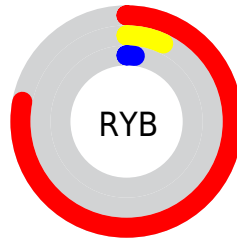
# Distribution



Red (78%)

Green (7%)

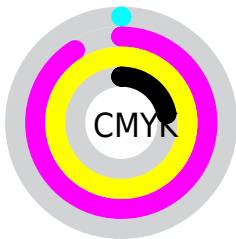
Blue (2%)



Red (78%)

Yellow (7%)

Blue (2%)

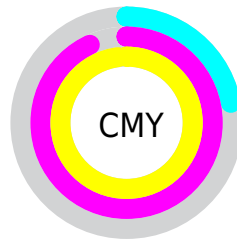


Cyan (0%)

Magenta (91%)

Yellow (98%)

Black (22%)



Cyan (22%)

Magenta (93%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C81204 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 C81204 by changing the saturation by 10% instead.



 C81204

 C81204

 FFFFF2

 A80000

 FF5938

 880000

 FF7650

 680000

 FF9369

 4A0002

 FFB083

 2C0001

 FFCD9E

 000000

 FFEBB9

 FFFF5D

 C81204

 C81204

 C80E00

 C82518

 C8372C

 C84A40

 C85C54

 C86F68

 C8817C

 C89490

 C8A7A4

 C8B9B8

# Harmonies

## Analogous

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



D80050



C81204



9F4E00

# Triad

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



C81204



007D30



0067F1

# Complementary

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



C81204



04BAC8

# 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.



0079EA



C81204



007F7B

# Square

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



C81204



007700



007FBE



7D41D1

# Rectangle

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



C81204



7A6200



007FBE



006EF3



# Sweetspot

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



C81204



FFBAB5



C804BB



805653



000000



808080



# Same Dimension

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



C81204



FF1200



C87304



635A5A



A30C00



240300



# Inverse Universe

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



04BAC8



00EDFF



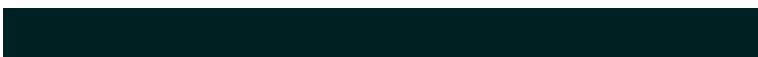
0459C8



5A6363



0098A3



002124



# Previews

## White Background



This preview shows how the Hex color C81204 looks on a white background.

## Color Contrast Check

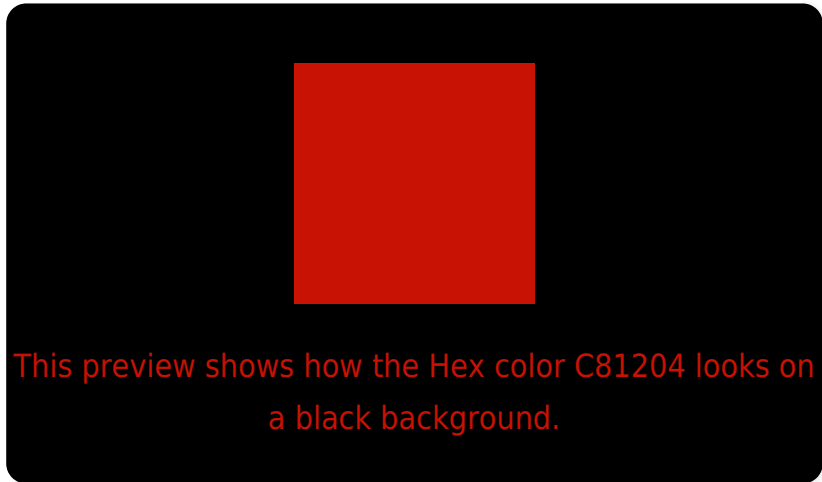
Large Text (above 18pt) WCAG AA ✓ Pass

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 C81204 Background



This preview shows how black text looks on a background with the Hex color C81204.



This preview shows how white text looks on a background with the Hex color C81204.

# 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**  
C81204

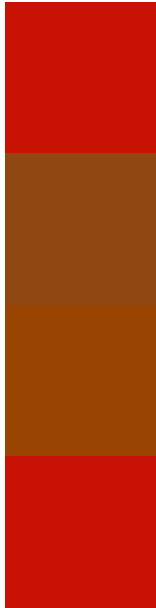
**Protanopia**  
72661A

**Deuteranopia**  
806100



**Tritanopia**  
C81205

# Trichromacy



**Original Color**  
C81204

**Protanomaly**  
914712

**Deuteranomaly**  
9A4401

**Tritanomaly**  
C81205

# Monochromacy



**Original Color**  
C81204

**Achromatopsia**  
474747

**Achromatomaly**  
76342F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C81204 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 #C81204 looks like.

```
.text, #text, p{  
    color:#C81204  
}
```

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 #C81204 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C81204
}
```

## Border

The CSS property to change the border of an element to Hex C81204 is called "border". The border property can be set on classes, ids or directly on the HTML element.

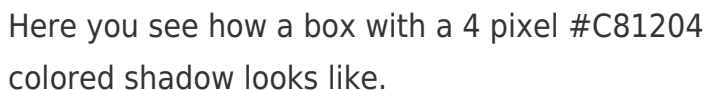
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C81204 }
```

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

```
.border{ border-color:#C81204 }
```

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



Here you see how a box with a 4 pixel `#C81204` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C81204; -webkit-box-shadow:4px 4px  
4px 4px #C81204; box-shadow:4px 4px 4px  
4px #C81204 }
```

# Background

The CSS property to change the background color of an element to Hex C81204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C81204 }
```

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

```
.background{ background-color:#C81204 }
```

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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