

# Converting Colors

Hex(C41609)

Have a look what the booklet for  
Hex(C41609) contains.

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**Color**

**Hex(C41609)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C41609
RGB	196, 22, 9
RGB Percent	77%, 9%, 4%
CMY	0.2314, 0.9137, 0.9647
CMYK	0.00, 0.89, 0.95, 0.23
HSL	4°, 91%, 40%
HSV	4°, 95%, 77%
XYZ	23.1012, 12.3293, 1.4207
YIQ	72.5440, 107.8770, 32.8450

# Conversions

## Conversions Part 2

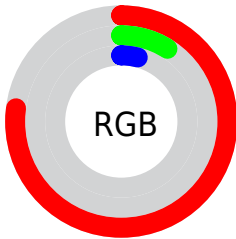
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">196, 23, 9</a>
Decimal	<a href="#">12850697</a>
CIELab	<a href="#">41.73, 63.18, 52.46</a>
CIElCh	<a href="#">42, 82.117, 39.704</a>
Yxy	<a href="#">12.3293, 0.6269, 0.3346</a>
Android (android.graphics.Color)	<a href="#">4291040777 (0xFFC41609)</a>
YUV	<a href="#">72.5440, -31.3272, 108.2709</a>
Hunter-Lab	<a href="#">35.1131, 55.9885, 22.1803</a>

# Details

The Hex color **C41609** 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 **09B7C4**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **FF5A3B**, and **840000** is the 20% darker color. If you saturate the color by 10%, you get **C40E00**, and if you desaturate by 10%, it is **C4281D**.

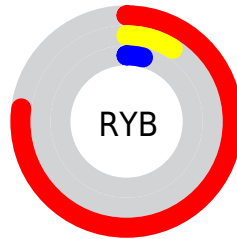
# Distribution



Red (77%)

Green (9%)

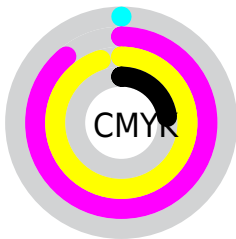
Blue (4%)



Red (77%)

Yellow (9%)

Blue (4%)

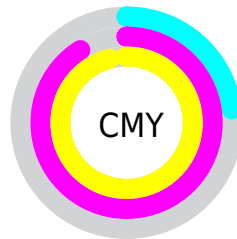


Cyan (0%)

Magenta (89%)

Yellow (95%)

Black (23%)



Cyan (23%)

Magenta (91%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C41609 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 C41609 by changing the saturation by 10% instead.



 C41609

 C41609

 FFFFF5

 A40000

 FF5A3B

 840000

 FF7753

 650000

 FF936C

 480003

 FFB086

 290001

 FFCDA1

 000000

 FFEBBC

 FFFFD8

 C41609

 C41609

 C40E00

 C4281D

 C43A30

 C44D44

 C45F57

 C4716B

 C4837F

 C49692

 C4A8A6

 C4BAB9

# Harmonies

## Analogous

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



D30050



C41609



9D4D00

# Triad

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



C41609



007A2F



0065EB

# Complementary

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



C41609



09B7C4

# 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.



0077E3



C41609



007D78

# Square

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



C41609



007400



007DB9



7942CC

# Rectangle

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



C41609



796000



007DB9



006DED



# Sweetspot

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



C41609



FFBAB5



C409B8



805653



000000



808080



# Same Dimension

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



C41609



FF1200



C47309



615857



A10B00



210200



# Inverse Universe

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



09B7C4



00EDFF



095AC4



576061



0095A1



001F21



# Previews

## White Background



This preview shows how the Hex color C41609 looks on a white background.

## Color Contrast Check

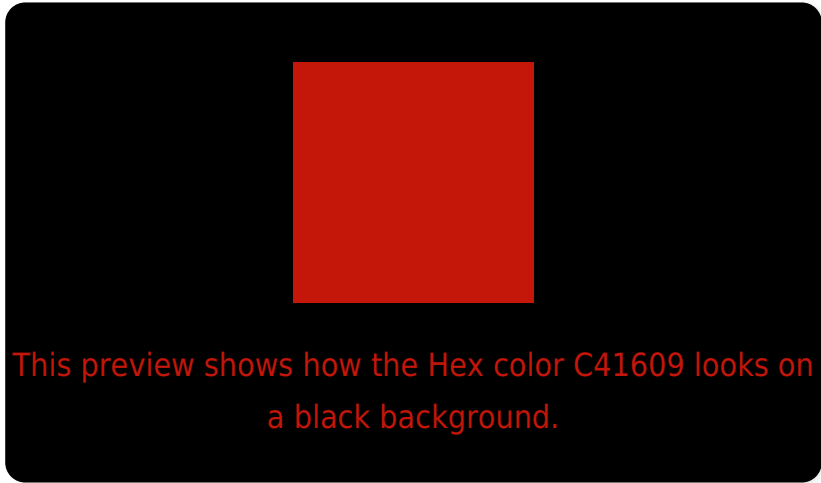
Large Text (above 18pt) WCAG AA ✓ Pass

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 C41609 Background



This preview shows how black text looks on a background with the Hex color C41609.



This preview shows how white text looks on a background with the Hex color C41609.

# 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**  
C41609

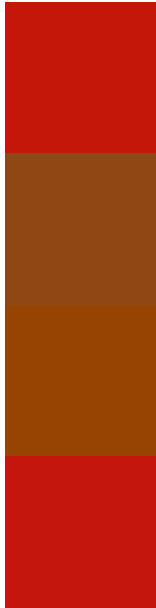
**Protanopia**  
70641B

**Deuteranopia**  
7E5F00



**Tritanopia**  
C4160F

# Trichromacy



**Original Color**  
C41609

**Protanomaly**  
8F4814

**Deuteranomaly**  
974403

**Tritanomaly**  
C4160D

# Monochromacy



**Original Color**  
C41609

**Achromatopsia**  
494949

**Achromatomaly**  
763632

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C41609 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 #C41609 looks like.

```
.text, #text, p{  
    color:#C41609  
}
```

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 #C41609 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C41609
}
```

## Border

The CSS property to change the border of an element to Hex C41609 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
#C41609 }
```

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

```
.border{ border-color:#C41609 }
```

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

Here you see how a box with a 4 pixel #C41609 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C41609; -webkit-box-shadow:4px 4px  
4px 4px #C41609; box-shadow:4px 4px 4px  
4px #C41609 }
```

# Background

The CSS property to change the background color of an element to Hex C41609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C41609 }
```

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

```
.background{ background-color:#C41609 }
```

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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