

# Converting Colors

Decimal(13379609)

Have a look what the booklet for  
Decimal(13379609) contains.

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# Color

**Decimal(13379609)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC2819
RGB	204, 40, 25
RGB Percent	80%, 16%, 10%
CMY	0.2000, 0.8431, 0.9020
CMYK	0.00, 0.80, 0.88, 0.20
HSL	5°, 78%, 45%
HSV	5°, 88%, 80%
XYZ	25.8361, 14.4251, 2.3423
YIQ	87.3260, 102.5590, 30.1030

# Conversions

## Conversions Part 2

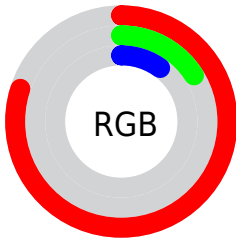
Format	Color
<a href="#">RYB</a>	204, 41, 25
Decimal	13379609
CIELab	44.84, 61.66, 49.27
CIElCh	45, 78.929, 38.623
Yxy	14.4251, 0.6064, 0.3386
Android (android.graphics.Color)	4291569689 (0xFFCC2819)
YUV	87.3260, -30.7267, 102.3231
Hunter-Lab	37.9804, 54.9584, 22.9298

# Details

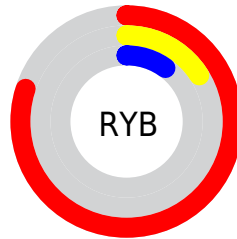
The Decimal color **13379609** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **1686988**, and the grayscale version is **5789784**.

A 20% lighter version of the original color is **16737608**, and **9175040** is the 20% darker color. If you saturate the color by 10%, you get **13374725**, and if you desaturate by 10%, it is **13384493**.

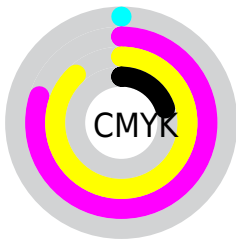
# Distribution



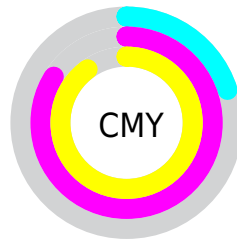
- Red (80%)
- Green (16%)
- Blue (10%)



- Red (80%)
- Yellow (16%)
- Blue (10%)



- Cyan (0%)
- Magenta (80%)
- Yellow (88%)
- Black (20%)




















- Cyan (20%)
- Magenta (84%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13379609 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 Decimal color 13379609 by changing the saturation by 10% instead.



 13379609	 13379609
16777215	 11272193
 16737608	 9175040
 16745057	 7143424
 16752250	 5177345
 16759701	 3276802
 16767152	 0
 16774859	
 16777192	
 13379609	 13379609

■ 13374725

■ 13384493

■ 13373696

■ 13389122

■ 13394006

■ 13398891

■ 13403519

■ 13408403

■ 13413288

■ 13418172

■ 13422801

# Harmonies

## Analogous

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



14221402



13379609



10966016

# Triad

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



13379609



33334



28143

# Complementary

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



13379609



1686988

# 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.



32486



13379609



34172

# Square

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



13379609



1801216



33980



8277459

# Rectangle

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



13379609



8677120



33980



29936



# Sweetspot

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



13379609



16761533



13375933



8411992



0



8421504



# Same Dimension

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



13379609



16717056



13402393



6708572



10882560



2491136



# Inverse Universe

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



1686988



60159



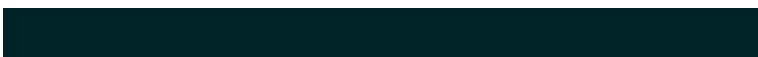
1664204



6055270



39078



8998



# Previews

## White Background



This preview shows how the Decimal color 13379609 looks on a white background.

## Color Contrast Check

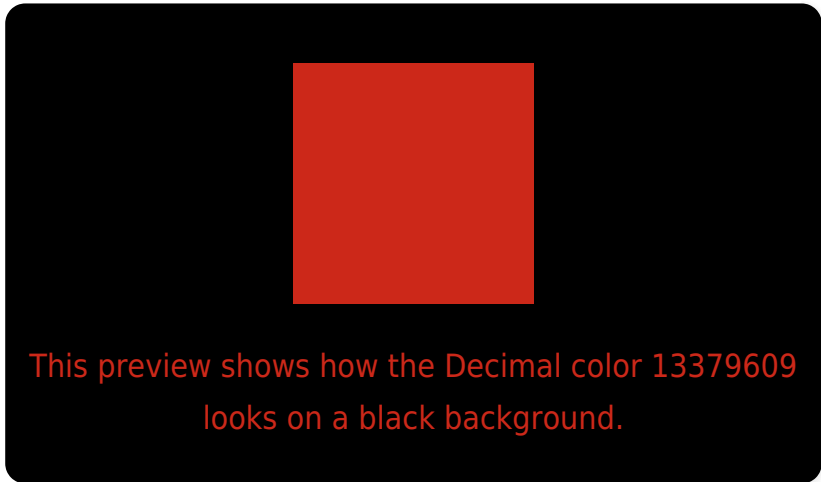
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).



## Decimal 13379609 Background



This preview shows how black text looks on a background with the Decimal color 13379609.



This preview shows how white text looks on a background with the Decimal color 13379609.

# 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**  
13379609

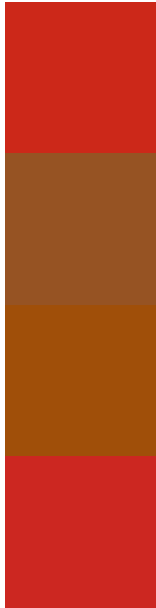
**Protanopia**  
7826217

**Deuteranopia**  
8873472



**Tritanopia**  
13379110

# Trichromacy



**Original Color**  
13379609

**Protanomaly**  
9851683

**Deuteranomaly**  
10505993

**Tritanomaly**  
13379361

# Monochromacy



**Original Color**  
13379609

**Achromatopsia**  
5723991

**Achromatomaly**  
8537664

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13379609 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 #CC2819 looks like.

```
.text, #text, p{  
  color:#CC2819  
}
```

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 #CC2819 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC2819
}
```

## Border

The CSS property to change the border of an element to Decimal 13379609 is called "border". The border property can be set on classes, ids or directly on the HTML element.

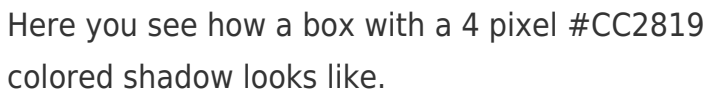
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CC2819 }
```

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

```
.border{ border-color:#CC2819 }
```

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



Here you see how a box with a 4 pixel #CC2819 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC2819; -webkit-box-shadow:4px 4px  
4px 4px #CC2819; box-shadow:4px 4px 4px  
4px #CC2819 }
```

# Background

The CSS property to change the background color of an element to Decimal 13379609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC2819 }
```

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

```
.background{ background-color:#CC2819 }
```

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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