

Converting Colors

Decimal(13049601)

Have a look what the booklet for
Decimal(13049601) contains.

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Color

Decimal(13049601)

Conversions

Conversions Part 1

Format	Color
Hex	C71F01
RGB	199, 31, 1
RGB Percent	78%, 12%, 0%
CMY	0.2196, 0.8784, 0.9961
CMYK	0.00, 0.84, 0.99, 0.22
HSL	9°, 99%, 39%
HSV	9°, 99%, 78%
XYZ	24.0487, 13.1243, 1.2944
YIQ	77.8120, 109.7580, 26.2860

Conversions

Conversions Part 2

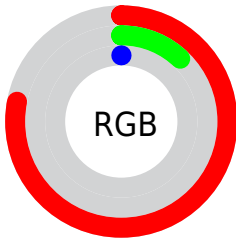
Format	Color
R_{YB}	199, 36, 1
Decimal	13049601
CIE _{Lab}	42.95, 62.15, 55.99
CIE _{LCh}	43, 83.651, 42.017
Yxy	13.1243, 0.6252, 0.3412
Android (android.graphics.Color)	4291239681 (0xFFC71F01)
YUV	77.8120, -37.8683, 106.2819
Hunter-Lab	36.2274, 55.0946, 23.2407

Details

The Decimal color **13049601** 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 **108999**, and the grayscale version is **5131854**.

A 20% lighter version of the original color is **16736054**, and **8847360** is the 20% darker color. If you saturate the color by 10%, you get **13049344**, and if you desaturate by 10%, it is **13053973**.

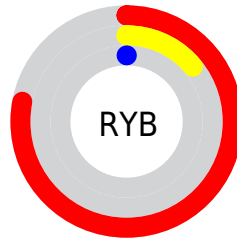
Distribution



Red (78%)

Green (12%)

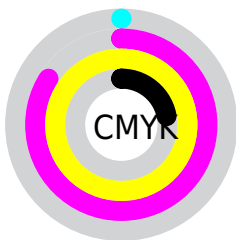
Blue (0%)



Red (78%)

Yellow (14%)

Blue (0%)

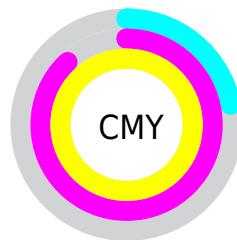


Cyan (0%)

Magenta (84%)

Yellow (99%)

Black (22%)



Cyan (22%)

Magenta (88%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13049601 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 13049601 by changing the saturation by 10% instead.

 13049601	 13049601
 16777201	 10944512
 16736054	 8847360
 16743247	 6815744
 16750696	 4849666
 16758146	 2883585
 16765597	 0
 16773048	
 16777172	
 13049601	 13049601

■ 13049344

■ 13053973

■ 13058345

■ 13062717

■ 13067089

■ 13071205

■ 13075576

■ 13079948

■ 13084320

■ 13088692

Harmonies

Analogous

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



14221390



13049601



10310144

Triad

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



13049601



32311



26352

Complementary

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



13049601



108999

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.



31211



13049601



33153

Square

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



13049601



30720



32962



8732878

Rectangle

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



13049601



7890176



32962



28403

Sweetspot

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



13049601



16760499



13042089



8411474



0



8421504

Same Dimension

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



13049601



16721664



13074945



6511450



10688768



2360576

Inverse Universe

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



108999



55551



83655



5923427



35491



7716

Previews

White Background



This preview shows how the Decimal color 13049601 looks on a white background.

Color Contrast Check

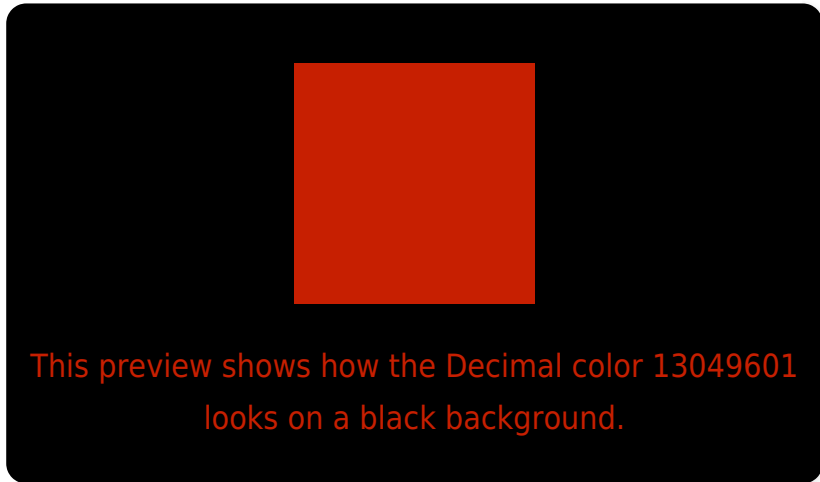
Large Text (above 18pt) WCAG AA ✓ Pass

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 13049601 Background



This preview shows how black text looks on a background with the Decimal color 13049601.



This preview shows how white text looks on a background with the Decimal color 13049601.

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
13049601

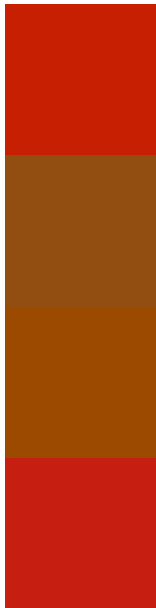
Protanopia
7628569

Deuteranopia
8544768



Tritanopia
13049115

Trichromacy



Original Color
13049601

Protanomaly
9587984

Deuteranomaly
10177024

Tritanomaly
13049362

Monochromacy



Original Color
13049601

Achromatopsia
5131854

Achromatomaly
8011058

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13049601 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 #C71F01 looks like.

```
.text, #text, p{  
  color:#C71F01  
}
```

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 #C71F01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C71F01
}
```

Border

The CSS property to change the border of an element to Decimal 13049601 is called "border". The border property can be set on classes, ids or directly on the HTML element.

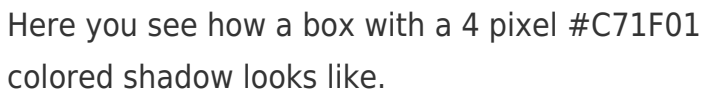
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C71F01 }
```

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

```
.border{ border-color:#C71F01 }
```

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



Here you see how a box with a 4 pixel `#C71F01` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C71F01; -webkit-box-shadow:4px 4px  
4px 4px #C71F01; box-shadow:4px 4px 4px  
4px #C71F01 }
```

Background

The CSS property to change the background color of an element to Decimal 13049601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C71F01 }
```

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

```
.background{ background-color:#C71F01 }
```

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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