

# Converting Colors

Decimal(13046804)

Have a look what the booklet for  
Decimal(13046804) contains.

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# Color

**Decimal(13046804)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C71414
RGB	199, 20, 20
RGB Percent	78%, 8%, 8%
CMY	0.2196, 0.9216, 0.9216
CMYK	0.00, 0.90, 0.90, 0.22
HSL	0°, 82%, 43%
HSV	0°, 90%, 78%
XYZ	23.9296, 12.6929, 1.8506
YIQ	73.5210, 106.6840, 37.9480

# Conversions

## Conversions Part 2

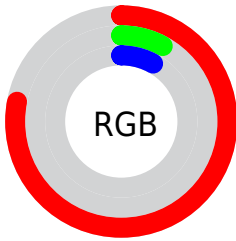
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	199, 20, 20
Decimal	13046804
CIE Lab	42.30, 64.44, 49.09
CIE LCh	42, 81.009, 37.300
Yxy	12.6929, 0.6220, 0.3299
Android (android.graphics.Color)	4291236884 (0xFFC71414)
YUV	73.5210, -26.3859, 110.0451
Hunter-Lab	35.6271, 57.5452, 21.8593

# Details

The Decimal color **13046804** 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 **1361863**, and the grayscale version is **4868682**.

A 20% lighter version of the original color is **16734787**, and **8847360** is the 20% darker color. If you saturate the color by 10%, you get **13041664**, and if you desaturate by 10%, it is **13051944**.

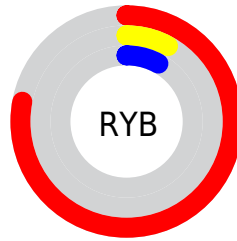
# Distribution



Red (78%)

Green (8%)

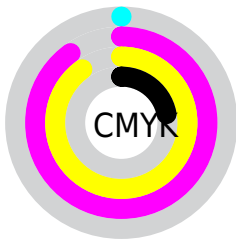
Blue (8%)



Red (78%)

Yellow (8%)

Blue (8%)

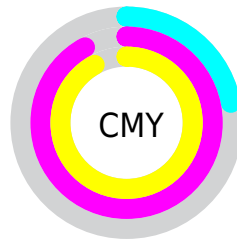


Cyan (0%)

Magenta (90%)

Yellow (90%)

Black (22%)



Cyan (22%)

Magenta (92%)










Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13046804 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 13046804 by changing the saturation by 10% instead.



 13046804	 13046804
16777214	 10944512
 16734787	 8847360
 16742235	 6815744
 16749684	 4849666
 16756878	 2883585
 16764585	 0
 16772037	
 16777185	
 13046804	 13046804

■ 13041664

■ 13051944

■ 13057084

■ 13062224

■ 13067364

■ 13072504

■ 13077387

■ 13082527

■ 13087667

■ 13092807

# Harmonies

## Analogous

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



13828183



13046804



10636288

# Triad

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



13046804



31531



26859

# Complementary

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



13046804



1361863

# 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.



31201



13046804



32371

# Square

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



13046804



1144064



32436



7489488

# Rectangle

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



13046804



8347648



32436



28652



# Sweetspot

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



13046804



16759482



13046983



8410967



0



8421504



# Same Dimension

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



13046804



16711680



13069844



6511194



10682368



2359296



# Inverse Universe

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



1361863



65535



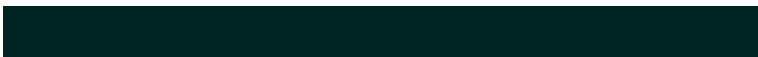
1339079



5923683



41891



9252



# Previews

## White Background



This preview shows how the Decimal color 13046804 looks on a white background.

## Color Contrast Check

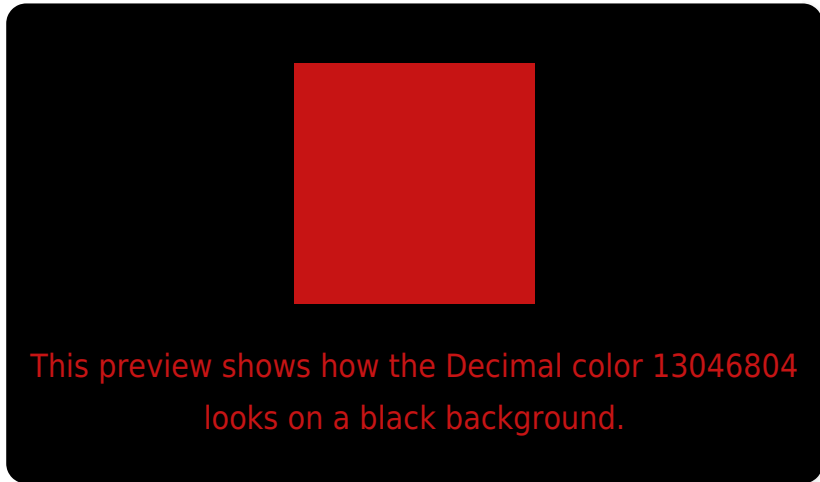
Large Text (above 18pt) WCAG AA ✓ Pass

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 13046804 Background



This preview shows how black text looks on a background with the Decimal color 13046804.



This preview shows how white text looks on a background with the Decimal color 13046804.

# 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**  
13046804

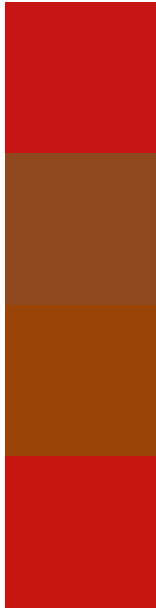
**Protanopia**  
7431717

**Deuteranopia**  
8413184



**Tritanopia**  
13047053

# Trichromacy



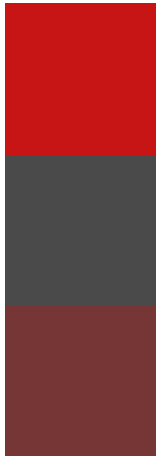
**Original Color**  
13046804

**Protanomaly**  
9455647

**Deuteranomaly**  
10109959

**Tritanomaly**  
13047056

# Monochromacy



**Original Color**  
13046804

**Achromatopsia**  
4868682

**Achromatomaly**  
7812662

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13046804 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 #C71414 looks like.

```
.text, #text, p{  
  color:#C71414  
}
```

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 #C71414 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C71414
}
```

## Border

The CSS property to change the border of an element to Decimal 13046804 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".

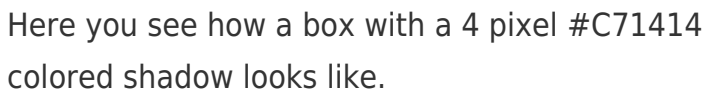
```
.border, #border, table{ border:4px solid
#C71414 }
```

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

```
.border{ border-color:#C71414 }
```

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

Here you see how a box with a 4 pixel #C71414 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C71414; -webkit-box-shadow:4px 4px  
4px 4px #C71414; box-shadow:4px 4px 4px  
4px #C71414 }
```

# Background

The CSS property to change the background color of an element to Decimal 13046804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C71414 }
```

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

```
.background{ background-color:#C71414 }
```

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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