

# Converting Colors

Decimal(13504271)

Have a look what the booklet for  
Decimal(13504271) contains.

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**Color**

**Decimal(13504271)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CE0F0F
RGB	206, 15, 15
RGB Percent	81%, 6%, 6%
CMY	0.1922, 0.9412, 0.9412
CMYK	0.00, 0.93, 0.93, 0.19
HSL	0°, 86%, 43%
HSV	0°, 93%, 81%
XYZ	25.7106, 13.4979, 1.7022
YIQ	72.1090, 113.8360, 40.4920

# Conversions

## Conversions Part 2

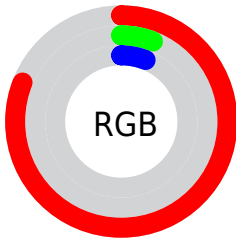
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	206, 15, 15
Decimal	13504271
CIE <sub>Lab</sub>	43.50, 66.88, 52.58
CIE <sub>LCh</sub>	44, 85.079, 38.175
Yxy	13.4979, 0.6285, 0.3299
Android (android.graphics.Color)	4291694351 (0xFFCE0F0F)
YUV	72.1090, -28.1547, 117.4224
Hunter-Lab	36.7396, 60.6216, 22.9707

# Details

The Decimal color **13504271** 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 **1035982**, and the grayscale version is **4737096**.

A 20% lighter version of the original color is **16734783**, and **9240576** is the 20% darker color. If you saturate the color by 10%, you get **13500416**, and if you desaturate by 10%, it is **13509668**.

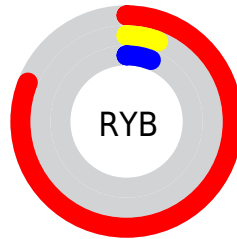
# Distribution



Red (81%)

Green (6%)

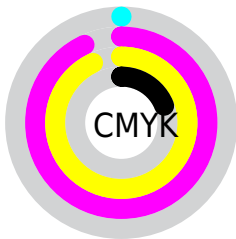
Blue (6%)



Red (81%)

Yellow (6%)

Blue (6%)

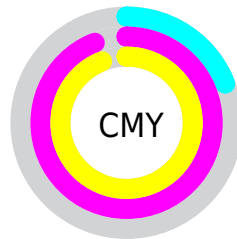


Cyan (0%)

Magenta (93%)

Yellow (93%)

Black (19%)



Cyan (19%)

Magenta (94%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13504271 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 13504271 by changing the saturation by 10% instead.



 13504271	 13504271
 16777210	 11403264
 16734783	 9240576
 16742232	 7208960
 16749681	 5177346
 16757131	 3211266
 16764582	 0
 16772289	
 16777181	
 13504271	 13504271

■ 13500416

■ 13509668

■ 13514808

■ 13520205

■ 13525345

■ 13530742

■ 13536139

■ 13541279

■ 13546676

■ 13551816

# Harmonies

## Analogous

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



14418007



13504271



10898944

# Triad

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



13504271



32557



27638

# Complementary

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



13504271



1035982

# 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.



31980



13504271



33401

# Square

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



13504271



30976



33470



7948248

# Rectangle

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



13504271



8545024



33470



29687



# Sweetspot

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



13504271



16758968



13504462



8410196



0



8421504



# Same Dimension

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



13504271



16711680



13528847



6708316



10878976



2490368



# Inverse Universe

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



1035982



65535



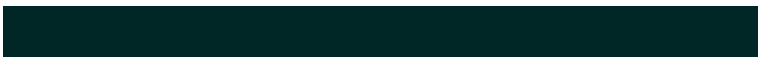
1011662



605526



42662



9766



# Previews

## White Background



This preview shows how the Decimal color 13504271 looks on a white background.

## Color Contrast Check

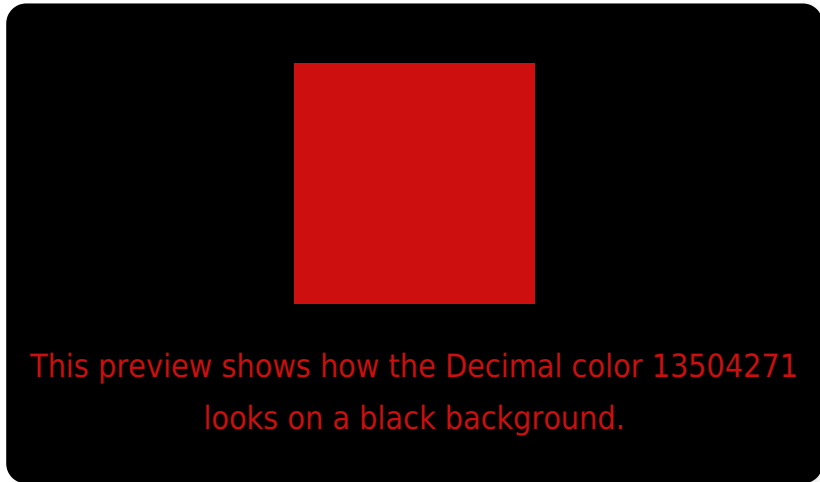
Large Text (above 18pt) WCAG AA ✓ Pass

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 13504271 Background



This preview shows how black text looks on a background with the Decimal color 13504271.



This preview shows how white text looks on a background with the Decimal color 13504271.

# 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**  
13504271

**Protanopia**  
7694625

**Deuteranopia**  
8676096



# Trichromacy



**Original Color**  
13504271

**Protanomaly**  
9783322

**Deuteranomaly**  
10437637

**Tritanomaly**  
13504773

# Monochromacy



**Original Color**  
13504271

**Achromatopsia**  
4737096

**Achromatomaly**  
7942963

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13504271 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 #CE0F0F looks like.

```
.text, #text, p{  
  color:#CE0F0F  
}
```

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 #CE0F0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE0F0F
}
```

## Border

The CSS property to change the border of an element to Decimal 13504271 is called "border". The border property can be set on classes, ids or directly on the HTML element.

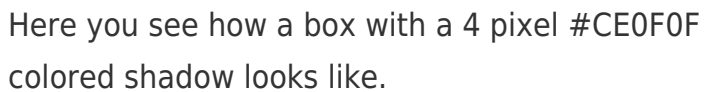
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CE0F0F }
```

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

```
.border{ border-color:#CE0F0F }
```

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



Here you see how a box with a 4 pixel `#CE0F0F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE0F0F; -webkit-box-shadow:4px 4px  
4px 4px #CE0F0F; box-shadow:4px 4px 4px  
4px #CE0F0F }
```

# Background

The CSS property to change the background color of an element to Decimal 13504271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE0F0F }
```

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

```
.background{ background-color:#CE0F0F }
```

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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