

# Converting Colors

Decimal(13378304)

Have a look what the booklet for  
Decimal(13378304) contains.

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**Color**

**Decimal(13378304)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CC2300
RGB	204, 35, 0
RGB Percent	80%, 14%, 0%
CMY	0.2000, 0.8627, 1.0000
CMYK	0.00, 0.83, 1.00, 0.20
HSL	10°, 100%, 40%
HSV	10°, 100%, 80%
XYZ	25.5029, 14.0394, 1.3657
YIQ	81.5410, 111.9590, 24.9430

# Conversions

## Conversions Part 2

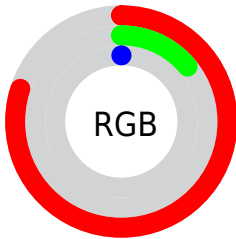
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	204, 42, 0
Decimal	13378304
CIE Lab	44.29, 62.62, 57.48
CIE LCh	44, 85.003, 42.546
Yxy	14.0394, 0.6234, 0.3432
Android (android.graphics.Color)	4291568384 (0xFFCC2300)
YUV	81.5410, -40.1997, 107.3965
Hunter-Lab	37.4692, 55.9222, 24.0674

# Details

The Decimal color **13378304** 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 **43468**, and the grayscale version is **5395026**.

A 20% lighter version of the original color is **16736823**, and **9175040** is the 20% darker color. If you saturate the color by 10%, you get **13378304**, and if you desaturate by 10%, it is **13382676**.

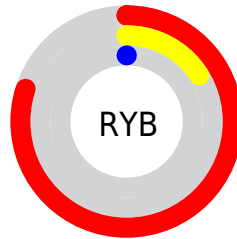
# Distribution



Red (80%)

Green (14%)

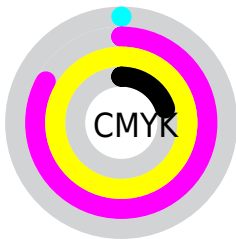
Blue (0%)



Red (80%)

Yellow (16%)

Blue (0%)

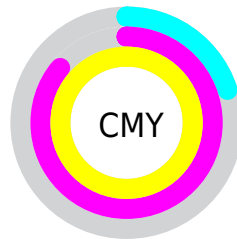


Cyan (0%)

Magenta (83%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (86%)


















Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13378304 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 13378304 by changing the saturation by 10% instead.



 13378304	 13378304
 16777202	 11272192
 16736823	 9175040
 16744271	 7077888
 16751465	 5111810
 16758915	 3211266
 16766366	 0
 16774073	
 16777173	
 13378304	

 13382676

 13387049

 13391421

 13395794

 13400166

 13404282

 13408655

 13413027

 13417400

# Harmonies

## Analogous

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



14614607



13378304



10573312

# Triad

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



13378304



33339



27126

# Complementary

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



13378304



43468

# 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.



32242



13378304



34182

# Square

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



13378304



31744



33992



9126611

# Rectangle

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



13378304



8087552



33992



29177



# Sweetspot

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



13378304



16761011



13369514



8411474



0



8421504



# Same Dimension

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



13378304



16722944



13404160



6708828



10886144



2492160

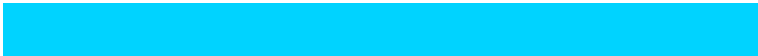


# Inverse Universe

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



43468



54271



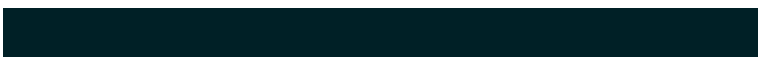
17612



6055014



35238



8230



# Previews

## White Background



This preview shows how the Decimal color 13378304 looks on a white background.

## Color Contrast Check

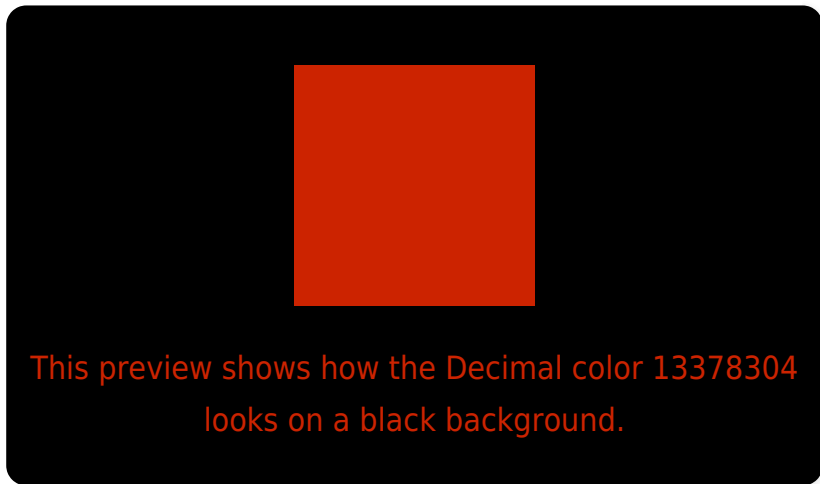
Large Text (above 18pt) WCAG AA ✓ Pass

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 13378304 Background



This preview shows how black text looks on a background with the Decimal color 13378304.



This preview shows how white text looks on a background with the Decimal color 13378304.

# 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



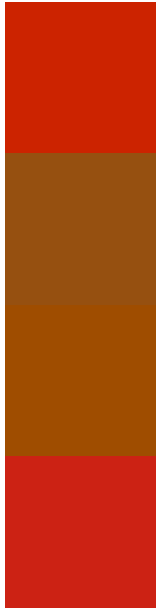
**Original Color**  
13378304

**Protanopia**  
7825945

**Deuteranopia**  
8742144



# Trichromacy



**Original Color**  
13378304

**Protanomaly**  
9850896

**Deuteranomaly**  
10439936

**Tritanomaly**  
13378068

# Monochromacy



**Original Color**  
13378304

**Achromatopsia**  
5395026

**Achromatomaly**  
8274228

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13378304 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 #CC2300 looks like.

```
.text, #text, p{  
  color:#CC2300  
}
```

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 #CC2300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC2300
}
```

## Border

The CSS property to change the border of an element to Decimal 13378304 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
#CC2300 }
```

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

```
.border{ border-color:#CC2300 }
```

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

Here you see how a box with a 4 pixel #CC2300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC2300; -webkit-box-shadow:4px 4px  
4px 4px #CC2300; box-shadow:4px 4px 4px  
4px #CC2300 }
```

# Background

The CSS property to change the background color of an element to Decimal 13378304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC2300 }
```

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

```
.background{ background-color:#CC2300 }
```

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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