

# Converting Colors

Decimal(13385984)

Have a look what the booklet for  
Decimal(13385984) contains.

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# Color

**Decimal(13385984)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC4100
RGB	204, 65, 0
RGB Percent	80%, 25%, 0%
CMY	0.2000, 0.7451, 1.0000
CMYK	0.00, 0.68, 1.00, 0.20
HSL	19°, 100%, 40%
HSV	19°, 100%, 80%
XYZ	26.7921, 16.6180, 1.7955
YIQ	99.1510, 103.7090, 9.2530

# Conversions

## Conversions Part 2

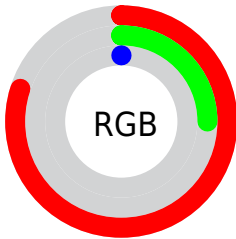
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	204, 95, 0
Decimal	13385984
CIE Lab	47.78, 52.95, 59.05
CIE LCh	48, 79.311, 48.120
Yxy	16.6180, 0.5927, 0.3676
Android (android.graphics.Color)	4291576064 (0xFFCC4100)
YUV	99.1510, -48.8814, 91.9526
Hunter-Lab	40.7651, 45.9769, 25.9242

# Details

The Decimal color **13385984** 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 **35788**, and the grayscale version is **6579300**.

A 20% lighter version of the original color is **16742458**, and **9240576** is the 20% darker color. If you saturate the color by 10%, you get **13385984**, and if you desaturate by 10%, it is **13389588**.

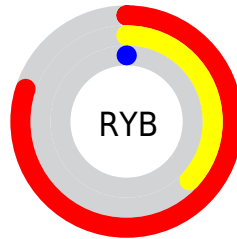
# Distribution



Red (80%)

Green (25%)

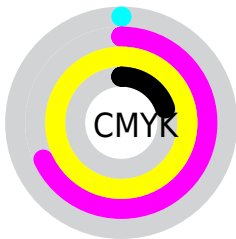
Blue (0%)



Red (80%)

Yellow (37%)

Blue (0%)

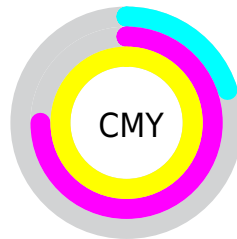


Cyan (0%)

Magenta (68%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (75%)



















Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13385984 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 13385984 by changing the saturation by 10% instead.



 13385984	 13385984
 16777208	 11281152
 16742458	 9240576
 16749396	 7208960
 16756590	 5242880
 16764040	 3407874
 16771491	 65536
 16777151	 0
 16777179	
 13385984	

 13389588

 13393193

 13396797

 13400402

 13404006

 13407354

 13410959

 13414563

 13418168

# Harmonies

## Analogous

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



14811213



13385984



10511616

# Triad

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



13385984



35667



27891

# Complementary

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



13385984



35788

# 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.



33526



13385984



36249

# Square

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



13385984



34304



35797



10766028

# Rectangle

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



13385984



8025344



35797



30200



# Sweetspot

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



13385984



16763827



13369483



8413266



0



8421504



# Same Dimension

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



13385984



16732416



13412096



6709084



10892544



2493440



# Inverse Universe

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



35788



44799



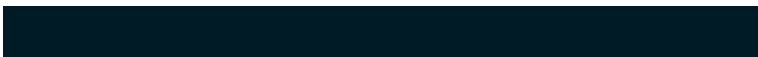
9676



6054758



29094



6694



# Previews

## White Background



This preview shows how the Decimal color 13385984 looks on a white background.

## Color Contrast Check

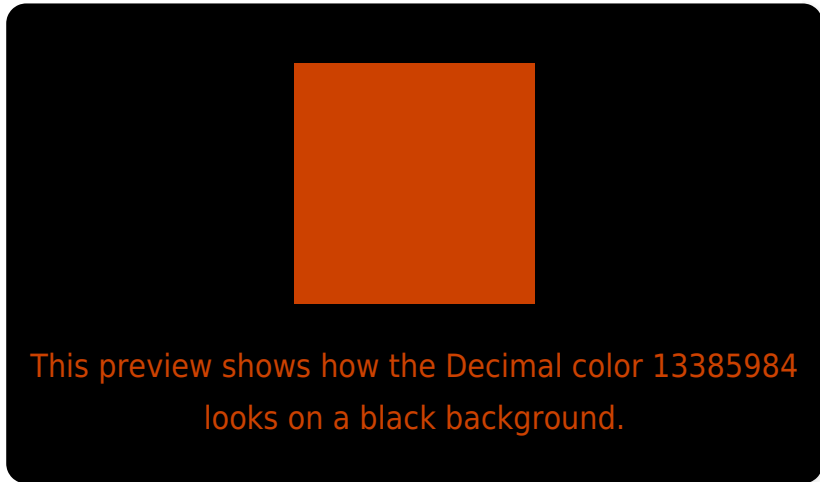
Large Text (above 18pt) WCAG AA ✓ Pass

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 13385984 Background



This preview shows how black text looks on a background with the Decimal color 13385984.



This preview shows how white text looks on a background with the Decimal color 13385984.

# 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**  
13385984

**Protanopia**  
8483350

**Deuteranopia**  
9464832



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13385984 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 #CC4100 looks like.

```
.text, #text, p{  
    color:#CC4100  
}
```

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 #CC4100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC4100
}
```

## Border

The CSS property to change the border of an element to Decimal 13385984 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
#CC4100 }
```

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

```
.border{ border-color:#CC4100 }
```

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

Here you see how a box with a 4 pixel #CC4100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC4100; -webkit-box-shadow:4px 4px  
4px 4px #CC4100; box-shadow:4px 4px 4px  
4px #CC4100 }
```

# Background

The CSS property to change the background color of an element to Decimal 13385984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC4100 }
```

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

```
.background{ background-color:#CC4100 }
```

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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