

# Converting Colors

Decimal(13321728)

Have a look what the booklet for  
Decimal(13321728) contains.

<b>Decimal(13321728)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Decimal(13321728)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB4600
RGB	203, 70, 0
RGB Percent	80%, 27%, 0%
CMY	0.2039, 0.7255, 1.0000
CMYK	0.00, 0.66, 1.00, 0.20
HSL	21°, 100%, 40%
HSV	21°, 100%, 80%
XYZ	26.8188, 17.0768, 1.8827
YIQ	101.7870, 101.7380, 6.4260

# Conversions

## Conversions Part 2

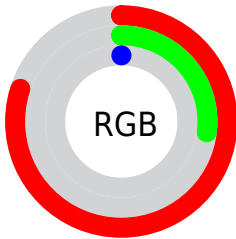
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">203, 107, 0</a>
Decimal	<a href="#">13321728</a>
CIELab	<a href="#">48.36, 50.55, 59.24</a>
CIELCh	<a href="#">48, 77.876, 49.528</a>
Yxy	<a href="#">17.0768, 0.5858, 0.3730</a>
Android (android.graphics.Color)	<a href="#">4291511808</a> ( <a href="#">0xFFCB4600</a> )
YUV	<a href="#">101.7870, -50.1810, 88.7638</a>
Hunter-Lab	<a href="#">41.3241, 43.5267, 26.2257</a>

# Details

The Decimal color **13321728** 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 **34251**, and the grayscale version is **6710886**.

A 20% lighter version of the original color is **16743483**, and **9175808** is the 20% darker color. If you saturate the color by 10%, you get **13321728**, and if you desaturate by 10%, it is **13325076**.

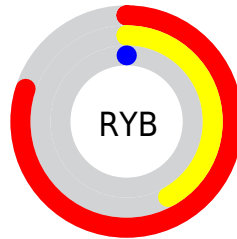
# Distribution



Red (80%)

Green (27%)

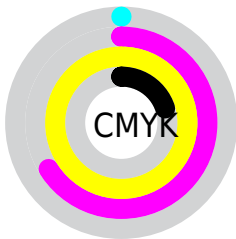
Blue (0%)



Red (80%)

Yellow (42%)

Blue (0%)

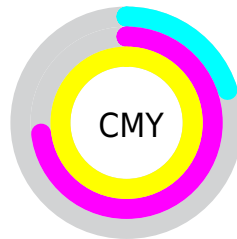


Cyan (0%)

Magenta (66%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (73%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13321728 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 13321728 by changing the saturation by 10% instead.



 13321728

 13321728

 16777209

 11217408

 16743483

 9175808

 16750421

 7143424

 16757614

 5177344

 16765065

 3473410

 16772516

 65536

 16777152

 0

 16777180

 13321728

 13325076

 13328681

 13332029

 13335377

 13338982

 13342330

 13345678

 13349026

 13352631

# Harmonies

## Analogous

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



14815564



13321728



10446848

# Triad

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



13321728



36185



158961

# Complementary

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



13321728



34251

# 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



13321728



36509

# Square

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



13321728



34820



36055



11028426

# Rectangle

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



13321728



7960320



36055



30199



# Sweetspot

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



13321728



16764339



13303943



8413522



0



8421504



# Same Dimension

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



13321728



16734208



13347072



6709084



10893568



2493696

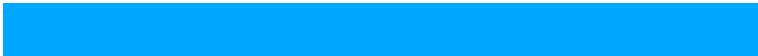


# Inverse Universe

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



34251



43007



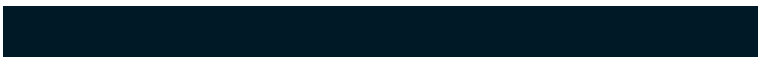
8907



6054502



28070



6438



# Previews

## White Background



This preview shows how the Decimal color 13321728 looks on a white background.

## Color Contrast Check

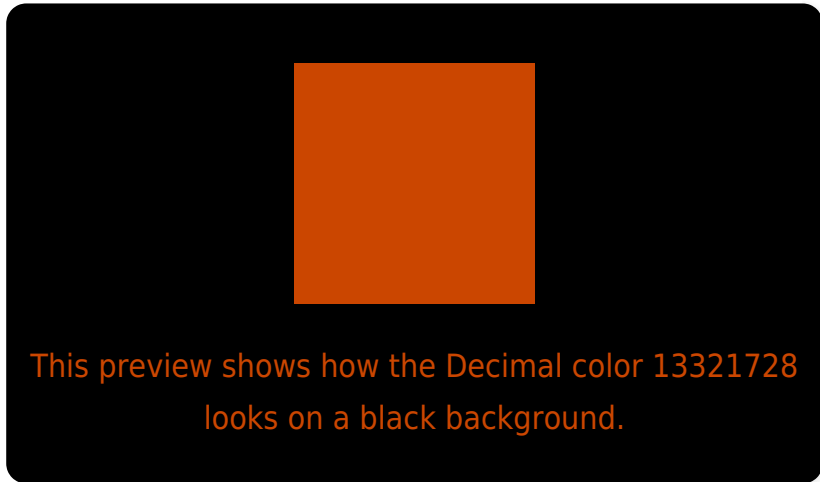
Large Text (above 18pt) WCAG AA ✓ Pass

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 13321728 Background



This preview shows how black text looks on a background with the Decimal color 13321728.



This preview shows how white text looks on a background with the Decimal color 13321728.

# 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



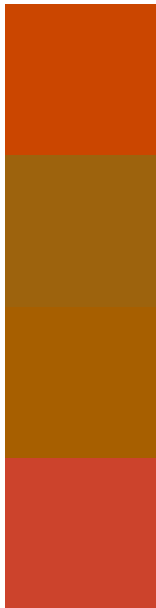
**Original Color**  
13321728

**Protanopia**  
8549397

**Deuteranopia**  
9596416



# Trichromacy



**Original Color**  
13321728

**Protanomaly**  
10314509

**Deuteranomaly**  
10968832

**Tritanomaly**  
13386540

# Monochromacy



**Original Color**  
13321728

**Achromatopsia**  
6710886

**Achromatomaly**  
9132609

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13321728 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 #CB4600 looks like.

```
.text, #text, p{  
  color:#CB4600  
}
```

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 #CB4600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB4600
}
```

## Border

The CSS property to change the border of an element to Decimal 13321728 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".

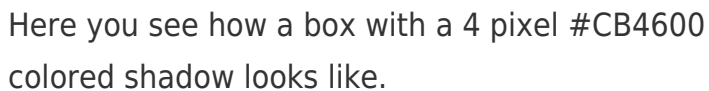
```
.border, #border, table{ border:4px solid
#CB4600 }
```

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

```
.border{ border-color:#CB4600 }
```

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

Here you see how a box with a 4 pixel #CB4600 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB4600; -webkit-box-shadow:4px 4px  
4px 4px #CB4600; box-shadow:4px 4px 4px  
4px #CB4600 }
```

# Background

The CSS property to change the background color of an element to Decimal 13321728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB4600 }
```

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

```
.background{ background-color:#CB4600 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor