

# Converting Colors

Decimal(13393152)

Have a look what the booklet for  
Decimal(13393152) contains.

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# Color

**Decimal(13393152)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC5D00
RGB	204, 93, 0
RGB Percent	80%, 36%, 0%
CMY	0.2000, 0.6353, 1.0000
CMYK	0.00, 0.54, 1.00, 0.20
HSL	27°, 100%, 40%
HSV	27°, 100%, 80%
XYZ	28.8162, 20.6661, 2.4702
YIQ	115.5870, 96.0090, -5.3910

# Conversions

## Conversions Part 2

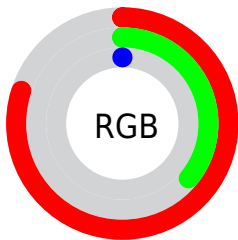
Format	Color
<a href="#">RYB</a>	<a href="#">204, 171, 0</a>
Decimal	<a href="#">13393152</a>
CIELab	<a href="#">52.58, 40.28, 61.63</a>
CIElCh	<a href="#">53, 73.624, 56.830</a>
Yxy	<a href="#">20.6661, 0.5547, 0.3978</a>
Android (android.graphics.Color)	<a href="#">4291583232 (0xFFCC5D00)</a>
YUV	<a href="#">115.5870, -56.9844, 77.5382</a>
Hunter-Lab	<a href="#">45.4600, 33.5928, 28.6003</a>

# Details

The Decimal color **13393152** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **28620**, and the grayscale version is **7631988**.

A 20% lighter version of the original color is **16749119**, and **9316864** is the 20% darker color. If you saturate the color by 10%, you get **13393152**, and if you desaturate by 10%, it is **13395988**.

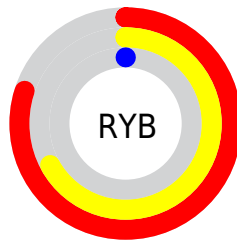
# Distribution



Red (80%)

Green (36%)

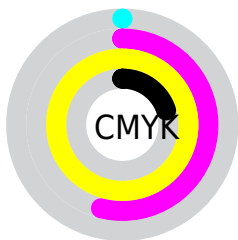
Blue (0%)



Red (80%)

Yellow (67%)

Blue (0%)

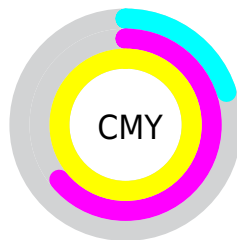


Cyan (0%)

Magenta (54%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (64%)


















Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13393152 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 13393152 by changing the saturation by 10% instead.



 13393152	 13393152
16777215	 11355136
 16749119	 9316864
 16756057	 7343360
 16763252	 5373952
 16770446	 3604481
 16777130	 1245184
 16777158	 0
 16777186	
 13393152	

 13395988

 13398825

 13401661

 13404498

 13407590

 13410426

 13413263

 13416099

 13418936

# Harmonies

## Analogous

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



15153993



13393152



10320128

# Triad

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



13393152



39029



6779120

# Complementary

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



13393152



28620

# 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.



35069



13393152



39349

# Square

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



13393152



37938



38119



12668356

# Rectangle

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



13393152



7832832



38119



1735160



# Sweetspot

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



13393152



16766387



13369456



8415058



0



8421504



# Same Dimension

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



13393152



16741376



13419008



6709340



10898432



2494720



# Inverse Universe

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



28620



35839



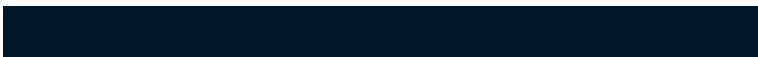
2764



6054246



23206



5414



# Previews

## White Background



This preview shows how the Decimal color 13393152 looks on a white background.

## Color Contrast Check

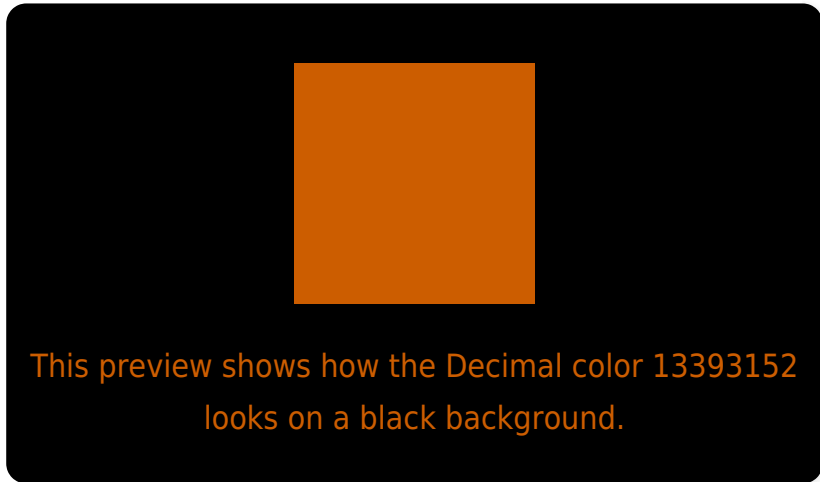
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 13393152 Background



This preview shows how black text looks on a background with the Decimal color 13393152.



This preview shows how white text looks on a background with the Decimal color 13393152.

# 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**  
13393152

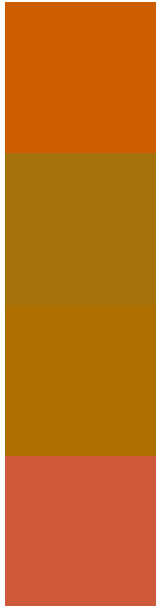
**Protanopia**  
9338387

**Deuteranopia**  
10450944



**Tritanopia**  
13588316

# Trichromacy



**Original Color**  
13393152

**Protanomaly**  
10842636

**Deuteranomaly**  
11496960

**Tritanomaly**  
13523259

# Monochromacy



**Original Color**  
13393152

**Achromatopsia**  
7631988

**Achromatomaly**  
9727050

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13393152 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 #CC5D00 looks like.

```
.text, #text, p{  
    color:#CC5D00  
}
```

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 #CC5D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC5D00
}
```

## Border

The CSS property to change the border of an element to Decimal 13393152 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
#CC5D00 }
```

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

```
.border{ border-color:#CC5D00 }
```

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

Here you see how a box with a 4 pixel #CC5D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC5D00; -webkit-box-shadow:4px 4px  
4px 4px #CC5D00; box-shadow:4px 4px 4px  
4px #CC5D00 }
```

# Background

The CSS property to change the background color of an element to Decimal 13393152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC5D00 }
```

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

```
.background{ background-color:#CC5D00 }
```

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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