

# Converting Colors

Decimal(13382930)

Have a look what the booklet for  
Decimal(13382930) contains.

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# Color

**Decimal(13382930)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC3512
RGB	204, 53, 18
RGB Percent	80%, 21%, 7%
CMY	0.2000, 0.7922, 0.9294
CMYK	0.00, 0.74, 0.91, 0.20
HSL	11°, 84%, 44%
HSV	11°, 91%, 80%
XYZ	26.2841, 15.4272, 2.1647
YIQ	94.1590, 101.2310, 21.1270

# Conversions

## Conversions Part 2

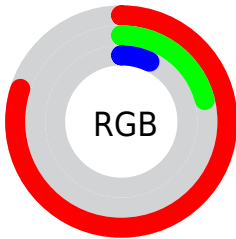
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">204, 61, 18</a>
Decimal	<a href="#">13382930</a>
CIELab	<a href="#">46.21, 57.59, 53.08</a>
CIElCh	<a href="#">46, 78.323, 42.669</a>
Yxy	<a href="#">15.4272, 0.5991, 0.3516</a>
Android (android.graphics.Color)	<a href="#">4291573010</a> ( <a href="#">0xFFCC3512</a> )
YUV	<a href="#">94.1590, -37.5464, 96.3306</a>
Hunter-Lab	<a href="#">39.2775, 50.7147, 24.2266</a>

# Details

The Decimal color **13382930** 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 **1223116**, and the grayscale version is **6184542**.

A 20% lighter version of the original color is **16739908**, and **9240576** is the 20% darker color. If you saturate the color by 10%, you get **13379072**, and if you desaturate by 10%, it is **13387302**.

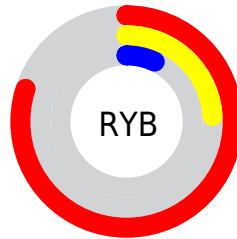
# Distribution



Red (80%)

Green (21%)

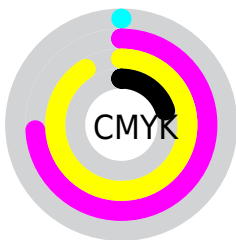
Blue (7%)



Red (80%)

Yellow (24%)

Blue (7%)

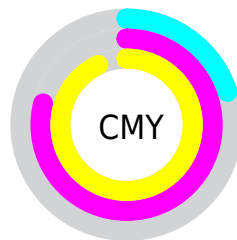


Cyan (0%)

Magenta (74%)

Yellow (91%)

Black (20%)



Cyan (20%)

Magenta (79%)


















Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13382930 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 13382930 by changing the saturation by 10% instead.



 13382930	 13382930
16777215	 11276288
 16739908	 9240576
 16747101	 7143424
 16754294	 5177344
 16761744	 3342338
 16769195	 0
 16776903	
 16777187	
 13382930	 13382930

■ 13379072

■ 13387302

■ 13391419

■ 13395791

■ 13399908

■ 13404280

■ 13408396

■ 13412769

■ 13416885

■ 13421258

# Harmonies

## Analogous

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



14483541



13382930



10771456

# Triad

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



13382930



34371



28144

# Complementary

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



13382930



1223116

# 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.



33004



13382930



35209

# Square

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



13382930



32768



34758



9391055

# Rectangle

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



13382930



8482048



34758



30195



# Sweetspot

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



13382930



16762810



13374122



8412759



0



8421504



# Same Dimension

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



13382930



16723968



13406482



6708828



10886912



2492160

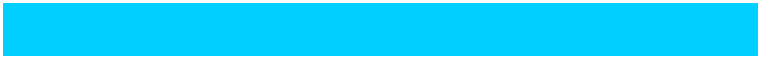


# Inverse Universe

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



1223116



53247



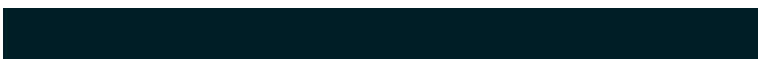
1199564



6055014



34726



7974



# Previews

## White Background



This preview shows how the Decimal color 13382930 looks on a white background.

## Color Contrast Check

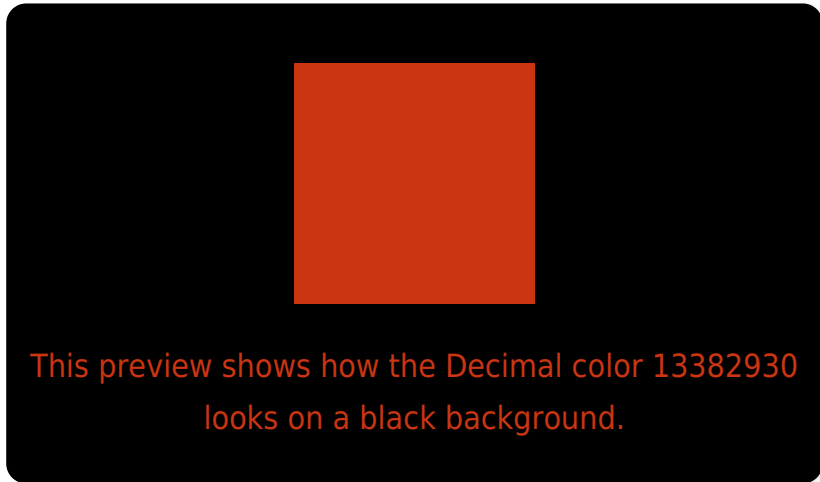
Large Text (above 18pt) WCAG AA ✓ Pass

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 13382930 Background



This preview shows how black text looks on a background with the Decimal color 13382930.



This preview shows how white text looks on a background with the Decimal color 13382930.

# 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



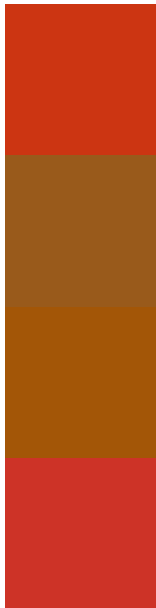
**Original Color**  
13382930

**Protanopia**  
8154912

**Deuteranopia**  
9136384



# Trichromacy



**Original Color**  
13382930

**Protanomaly**  
10050075

**Deuteranomaly**  
10704391

**Tritanomaly**  
13447975

# Monochromacy



**Original Color**  
13382930

**Achromatopsia**  
6184542

**Achromatomaly**  
8802114

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13382930 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 #CC3512 looks like.

```
.text, #text, p{  
  color:#CC3512  
}
```

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 #CC3512 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC3512
}
```

## Border

The CSS property to change the border of an element to Decimal 13382930 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
#CC3512 }
```

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

```
.border{ border-color:#CC3512 }
```

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

Here you see how a box with a 4 pixel #CC3512 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC3512; -webkit-box-shadow:4px 4px  
4px 4px #CC3512; box-shadow:4px 4px 4px  
4px #CC3512 }
```

# Background

The CSS property to change the background color of an element to Decimal 13382930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC3512 }
```

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

```
.background{ background-color:#CC3512 }
```

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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