

# Converting Colors

Decimal(12934189)

Have a look what the booklet for  
Decimal(12934189) contains.

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# Color

**Decimal(12934189)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C55C2D
RGB	197, 92, 45
RGB Percent	77%, 36%, 18%
CMY	0.2275, 0.6392, 0.8235
CMYK	0.00, 0.53, 0.77, 0.23
HSL	19°, 63%, 47%
HSV	19°, 77%, 77%
XYZ	27.3268, 19.7141, 4.8475
YIQ	118.0370, 77.6670, 7.6430

# Conversions

## Conversions Part 2

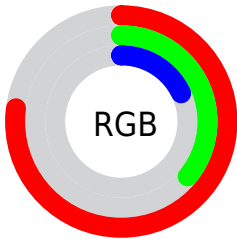
Format	Color
R <sub>YB</sub>	197, 113, 45
Decimal	12934189
CIE Lab	51.51, 39.00, 45.52
CIE LCh	52, 59.941, 49.407
Yxy	19.7141, 0.5266, 0.3799
Android (android.graphics.Color)	4291124269 (0xFFC55C2D)
YUV	118.0370, -36.0072, 69.2506
Hunter-Lab	44.4005, 32.1587, 24.6072

# Details

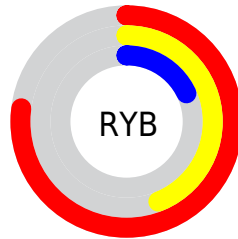
The Decimal color **12934189** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **2987717**, and the grayscale version is **7763574**.

A 20% lighter version of the original color is **16748638**, and **8988928** is the 20% darker color. If you saturate the color by 10%, you get **12930585**, and if you desaturate by 10%, it is **12937793**.

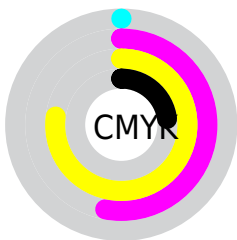
# Distribution



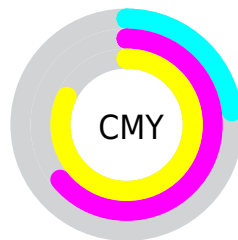
- Red (77%)
- Green (36%)
- Blue (18%)



- Red (77%)
- Yellow (44%)
- Blue (18%)



- Cyan (0%)
- Magenta (53%)
- Yellow (77%)
- Black (23%)























- Cyan (23%)
- Magenta (64%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12934189 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 12934189 by changing the saturation by 10% instead.



 12934189	 12934189
 16777215	 10961685
 16748638	 8988928
 16755831	 7015680
 16763025	 5111808
 16770220	 3407873
 16777160	 393216
 16777188	 0
 12934189	 12934189
 12930585	 12937793

12927238

12941140

12926208

12944744

12948092

12951696

12955299

12958647

12962251

12965598

# Harmonies

## Analogous

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



14043228



12934189



10646016

# Triad

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



12934189



37222



5469660

# Complementary

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



12934189



2987717

# 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.



34528



12934189



37531

# Square

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



12934189



3181619



36808



10902974

# Rectangle

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



12934189



8683008



36808



163041



# Sweetspot

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



12934189



16766660



12922263



8415068



0



8421504



# Same Dimension

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



12934189



16734994



12953389



6511962



10695168



2362112

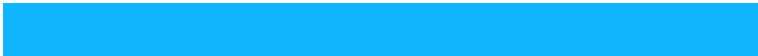


# Inverse Universe

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



2987717



1226495



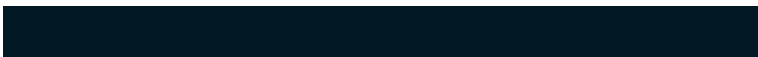
2968517



5922915



29091

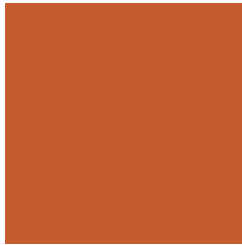


6436



# Previews

## White Background



This preview shows how the Decimal color 12934189 looks on a white background.

## Color Contrast Check

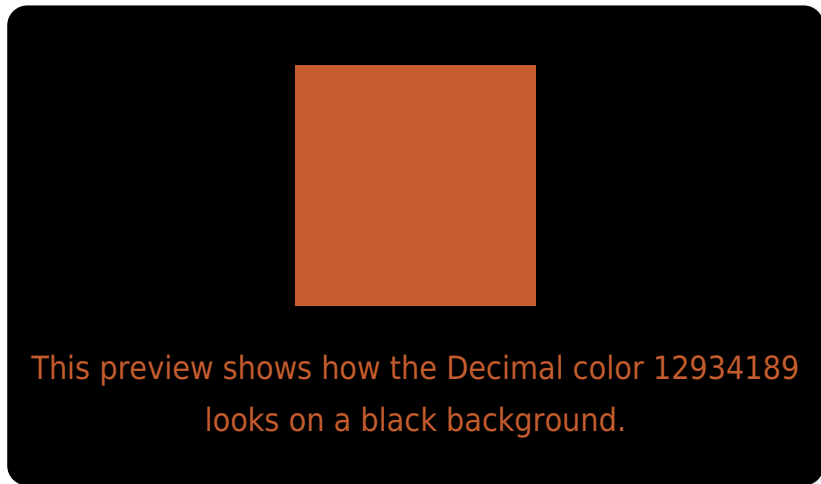
Large Text (above 18pt) WCAG AA ✓ Pass

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 12934189 Background



This preview shows how black text looks on a background with the Decimal color 12934189.



This preview shows how white text looks on a background with the Decimal color 12934189.

# 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



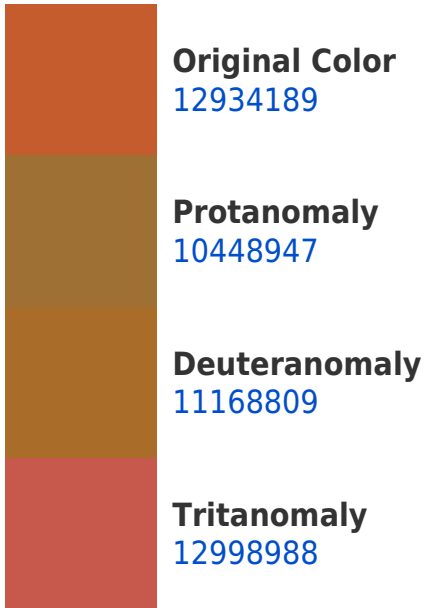
**Original Color**  
12934189

**Protanopia**  
9010230

**Deuteranopia**  
10188070



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12934189 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 #C55C2D looks like.

```
.text, #text, p{  
  color:#C55C2D  
}
```

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 #C55C2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C55C2D
}
```

## Border

The CSS property to change the border of an element to Decimal 12934189 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
#C55C2D }
```

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

```
.border{ border-color:#C55C2D }
```

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

Here you see how a box with a 4 pixel #C55C2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C55C2D; -webkit-box-shadow:4px 4px  
4px 4px #C55C2D; box-shadow:4px 4px 4px  
4px #C55C2D }
```

# Background

The CSS property to change the background color of an element to Decimal 12934189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C55C2D }
```

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

```
.background{ background-color:#C55C2D }
```

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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