

# Converting Colors

Decimal(12937293)

Have a look what the booklet for  
Decimal(12937293) contains.

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# Color

**Decimal(12937293)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5684D
RGB	197, 104, 77
RGB Percent	77%, 41%, 30%
CMY	0.2275, 0.5922, 0.6980
CMYK	0.00, 0.47, 0.61, 0.23
HSL	14°, 51%, 54%
HSV	14°, 61%, 77%
XYZ	29.3158, 22.3068, 9.7817
YIQ	128.7290, 64.0950, 11.3190

# Conversions

## Conversions Part 2

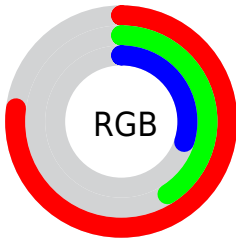
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	197, 112, 77
Decimal	12937293
CIE Lab	54.35, 34.59, 31.72
CIE LCh	54, 46.931, 42.525
Yxy	22.3068, 0.4774, 0.3633
Android (android.graphics.Color)	4291127373 (0xFFC5684D)
YUV	128.7290, -25.5024, 59.8737
Hunter-Lab	47.2300, 28.1429, 20.7816

# Details

The Decimal color **12937293** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted orange. A complement of this color would be **5089989**, and the grayscale version is **8487297**.

A 20% lighter version of the original color is **16751999**, and **9057824** is the 20% darker color. If you saturate the color by 10%, you get **12933433**, and if you desaturate by 10%, it is **12941153**.

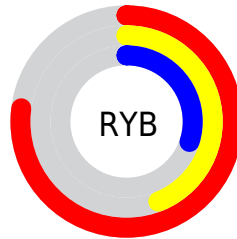
# Distribution



Red (77%)

Green (41%)

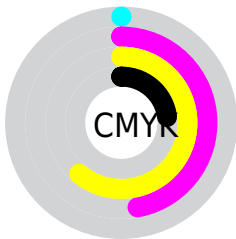
Blue (30%)



Red (77%)

Yellow (44%)

Blue (30%)

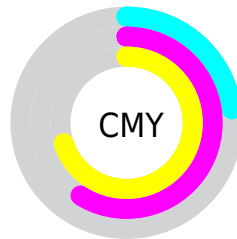


Cyan (0%)

Magenta (47%)

Yellow (61%)

Black (23%)



Cyan (23%)

Magenta (59%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12937293 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 12937293 by changing the saturation by 10% instead.



 12937293

 12937293


16777215

 10964790

 16751999

 9057824

 16758937

 7216393

 16766132

 5374208

 16773583

 3604480

 16777196

 1441792

 0

 12937293

 12937293

 12933433

 12941153

 12929318

 12945268

 12925458

 12949128

 12921856

 12952988

 12956848

 12960963

 12964823

 12968683

 12972542

# Harmonies

## Analogous

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



13459059



12937293



11302707

# Triad

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



12937293



37992



5865937

# Complementary

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



12937293



5089989

# 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.



36303



12937293



38546

# Square

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



12937293



6065987



38072



10186942

# Rectangle

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



12937293



9797932



38072



3507667

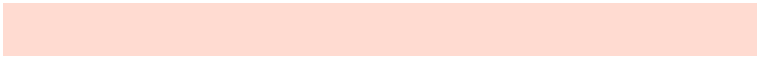


# Sweetspot

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



12937293



16767953



12930475



8415843



0



8421504



# Same Dimension

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



12937293



16740165



12952397



6511706



10691840



2361344



# Inverse Universe

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



5089989



4576767



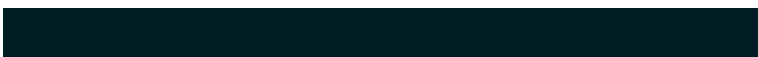
5074885



5923171



32419



7204



# Previews

## White Background



This preview shows how the Decimal color 12937293 looks on a white background.

## Color Contrast Check

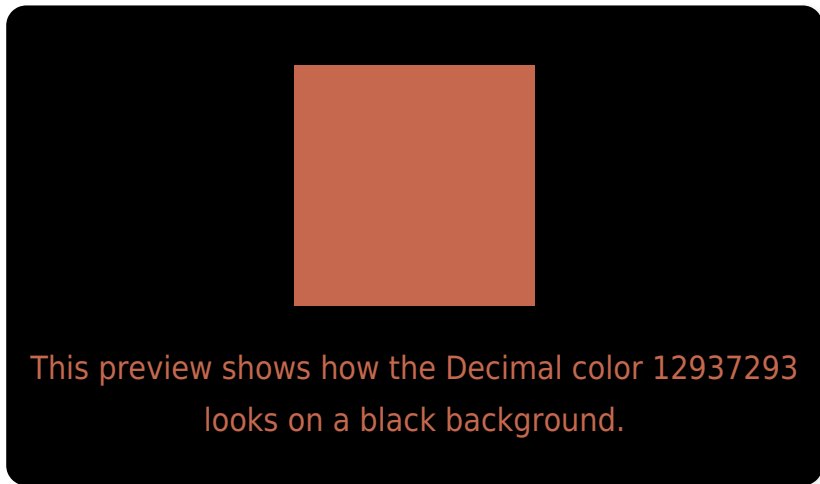
Large Text (above 18pt) WCAG AA ✓ Pass

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 12937293 Background



This preview shows how black text looks on a background with the Decimal color 12937293.



This preview shows how white text looks on a background with the Decimal color 12937293.

# 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**  
12937293

**Protanopia**  
9273943

**Deuteranopia**  
10452041



**Tritanopia**  
13067371

# Trichromacy



**Original Color**  
12937293

**Protanomaly**  
10582355

**Deuteranomaly**  
11367754

**Tritanomaly**  
13002080

# Monochromacy



**Original Color**  
12937293

**Achromatopsia**  
8487297

**Achromatomaly**  
10123374

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12937293 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 #C5684D looks like.

```
.text, #text, p{  
    color:#C5684D  
}
```

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 #C5684D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5684D
}
```

## Border

The CSS property to change the border of an element to Decimal 12937293 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
#C5684D }
```

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

```
.border{ border-color:#C5684D }
```

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

Here you see how a box with a 4 pixel #C5684D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5684D; -webkit-box-shadow:4px 4px  
4px 4px #C5684D; box-shadow:4px 4px 4px  
4px #C5684D }
```

# Background

The CSS property to change the background color of an element to Decimal 12937293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5684D }
```

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

```
.background{ background-color:#C5684D }
```

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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