

# Converting Colors

Decimal(12990790)

Have a look what the booklet for  
Decimal(12990790) contains.

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# Color

**Decimal(12990790)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C63946
RGB	198, 57, 70
RGB Percent	78%, 22%, 27%
CMY	0.2235, 0.7765, 0.7255
CMYK	0.00, 0.71, 0.65, 0.22
HSL	354°, 55%, 50%
HSV	354°, 71%, 78%
XYZ	25.8573, 15.3742, 7.3990
YIQ	100.6410, 79.8630, 33.9350

# Conversions

## Conversions Part 2

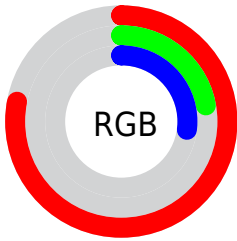
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	198, 57, 70
Decimal	12990790
CIE Lab	46.14, 56.12, 25.53
CIE LCh	46, 61.657, 24.458
Yxy	15.3742, 0.5317, 0.3161
Android (android.graphics.Color)	4291180870 (0xFFC63946)
YUV	100.6410, -15.1060, 85.3838
Hunter-Lab	39.2100, 49.0958, 16.2588

# Details

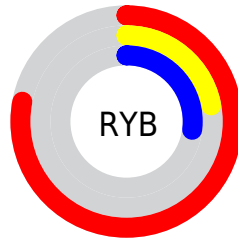
The Decimal color **12990790** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **3786425**, and the grayscale version is **6645093**.

A 20% lighter version of the original color is **16740726**, and **8978459** is the 20% darker color. If you saturate the color by 10%, you get **12985652**, and if you desaturate by 10%, it is **12995928**.

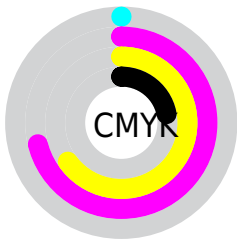
# Distribution



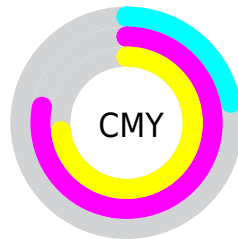
- Red (78%)
- Green (22%)
- Blue (27%)



- Red (78%)
- Yellow (22%)
- Blue (27%)



- Cyan (0%)
- Magenta (71%)
- Yellow (65%)
- Black (22%)



- Cyan (22%)
- Magenta (78%)
- Yellow (73%)

# Brightness & Saturation Gradients


These gradients show how the Decimal color 12990790 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 12990790 by changing the saturation by 10% instead.



 12990790  12990790

16777215  10950448

 16740726  8978459

 16747920  7012354

 16755114  5111808

 16762566  3276802

 16770018  0

16777214

 12990790  12990790

 12985652  12995928

 12980514

 13001066

 12976146

 13005948

 13011086

 13016224

 13021362

 13026500

 13031382

 13036520

# Harmonies

## Analogous

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



12792697



12990790



11620628

# Triad

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



12990790



32812



30677

# Complementary

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



12990790



3786425

# 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.



33217



12990790



33890

# Square

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



12990790



5994240



33943



5596364

# Rectangle

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



12990790



10117376



33943



31697



# Sweetspot

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



12990790



16763342



12073414



8413283



0



8421504



# Same Dimension

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



12990790



16721466



13005113



6511194



10682383



2359299



# Inverse Universe

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



12990790



16721466



3772102



6511194



10682383



2359299



# Previews

## White Background



This preview shows how the Decimal color 12990790 looks on a white background.

## Color Contrast Check

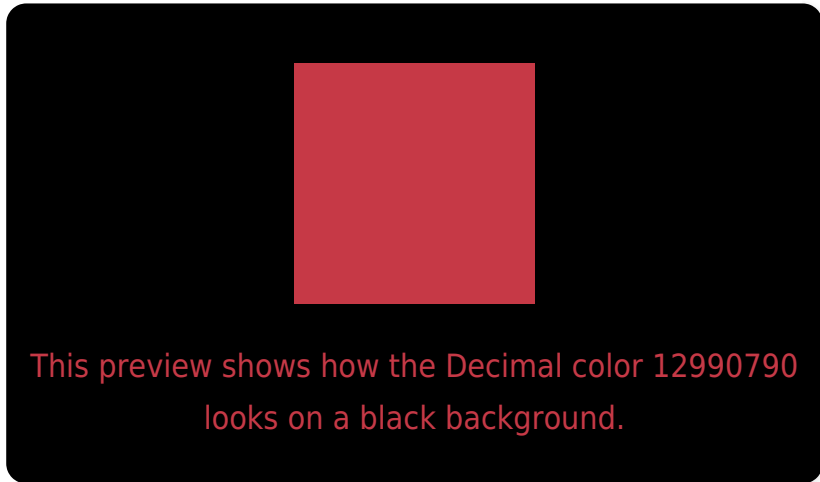
Large Text (above 18pt) WCAG AA ✓ Pass

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 12990790 Background



This preview shows how black text looks on a background with the Decimal color 12990790.

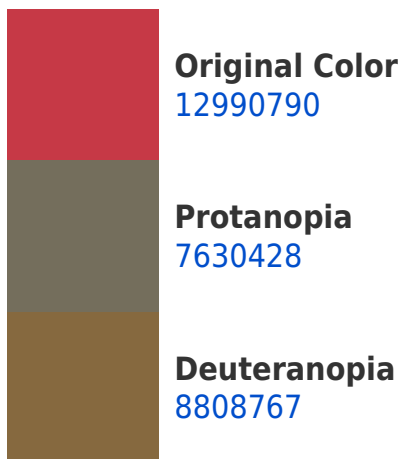


This preview shows how white text looks on a background with the Decimal color 12990790.

# 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





# Trichromacy



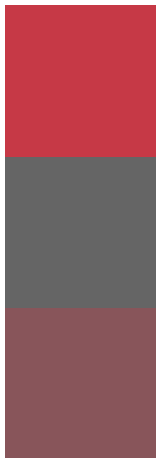
**Original Color**  
12990790

**Protanomaly**  
9591636

**Deuteranomaly**  
10311746

**Tritanomaly**  
12991040

# Monochromacy



**Original Color**  
12990790

**Achromatopsia**  
6645093

**Achromatomaly**  
8934746

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12990790 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 #C63946 looks like.

```
.text, #text, p{  
  color:#C63946  
}
```

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 #C63946 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C63946
}
```

## Border

The CSS property to change the border of an element to Decimal 12990790 is called "border". The border property can be set on classes, ids or directly on the HTML element.

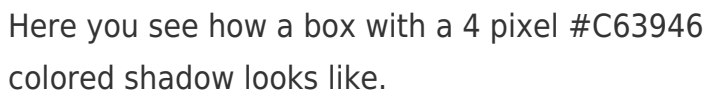
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C63946 }
```

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

```
.border{ border-color:#C63946 }
```

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



Here you see how a box with a 4 pixel `#C63946` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C63946; -webkit-box-shadow:4px 4px  
4px 4px #C63946; box-shadow:4px 4px 4px  
4px #C63946 }
```

# Background

The CSS property to change the background color of an element to Decimal 12990790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C63946 }
```

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

```
.background{ background-color:#C63946 }
```

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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