

# Converting Colors

Decimal(12592200)

Have a look what the booklet for  
Decimal(12592200) contains.

<b>Decimal(12592200)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(12592200)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C02448
RGB	192, 36, 72
RGB Percent	75%, 14%, 28%
CMY	0.2471, 0.8588, 0.7176
CMYK	0.00, 0.81, 0.62, 0.25
HSL	346°, 68%, 45%
HSV	346°, 81%, 75%
XYZ	23.5388, 12.9361, 7.3872
YIQ	86.7480, 81.4200, 44.2680

# Conversions

## Conversions Part 2

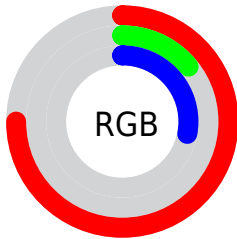
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	192, 36, 72
Decimal	12592200
CIE Lab	42.67, 61.12, 19.58
CIE LCh	43, 64.177, 17.762
Yxy	12.9361, 0.5367, 0.2949
Android (android.graphics.Color)	4290782280 (0xFFC02448)
YUV	86.7480, -7.2708, 92.3060
Hunter-Lab	35.9668, 53.8791, 12.9993

# Details

The Decimal color **12592200** is a dark color, and the websafe version is hex **990033**. The color can be described as dark muted red. A complement of this color would be **2408604**, and the grayscale version is **5723991**.

A 20% lighter version of the original color is **16671352**, and **8585245** is the 20% darker color. If you saturate the color by 10%, you get **12587321**, and if you desaturate by 10%, it is **12597079**.

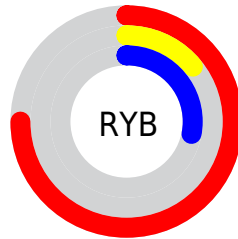
# Distribution



Red (75%)

Green (14%)

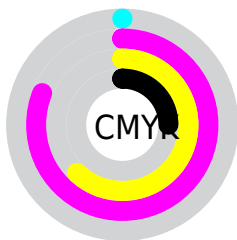
Blue (28%)



Red (75%)

Yellow (14%)

Blue (28%)

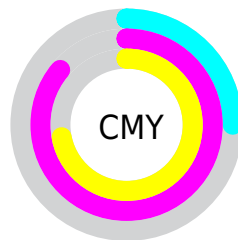


Cyan (0%)

Magenta (81%)

Yellow (62%)

Black (25%)



Cyan (25%)

Magenta (86%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12592200 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 12592200 by changing the saturation by 10% instead.



 12592200

 12592200

16777215

 10551346

 16671352

 8585245

 16744082

 6619140

 16751532

 4718594

 16758728

 2752513

 16766180

 0

 16773887

 12592200

 12592200

 12587321

 12597079

■ 12582956

■ 12601958

■ 12607092

■ 12611971

■ 12616850

■ 12621729

■ 12626607

■ 12631742

■ 12636621

# Harmonies

## Analogous

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



12002941



12592200



11485460

# Triad

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



12592200



292368



29133

# Complementary

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



12592200



2408604

# 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.



31411



12592200



31308

# Square

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



12592200



6122496



31876



1663179

# Rectangle

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



12592200



10113792



31876



30151



# Sweetspot

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



12592200



16432844



10233024



8214881



16579836



8224125



# Same Dimension

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



12592200



16385342



12602916



6379353



10551333



2162696



# Inverse Universe

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



12592200



16385342



2397888



6379353



10551333



2162696



# Previews

## White Background



This preview shows how the Decimal color 12592200 looks on a white background.

## Color Contrast Check

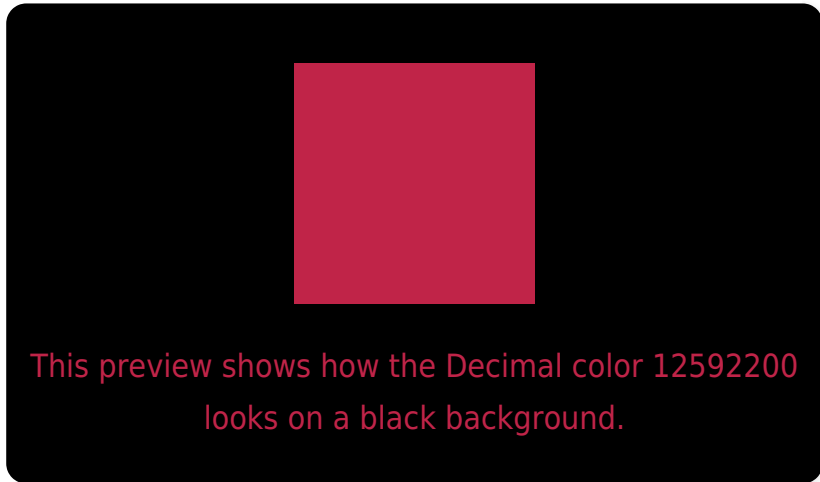
Large Text (above 18pt) WCAG AA ✓ Pass

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 12592200 Background



This preview shows how black text looks on a background with the Decimal color 12592200.



This preview shows how white text looks on a background with the Decimal color 12592200.

# 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**  
12592200

**Protanopia**  
6841700

**Deuteranopia**  
8085824



# Trichromacy



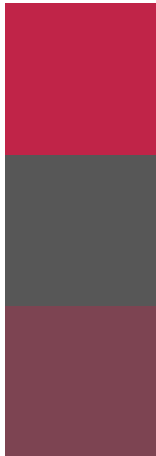
**Original Color**  
12592200

**Protanomaly**  
8932698

**Deuteranomaly**  
9718595

**Tritanomaly**  
12527670

# Monochromacy



**Original Color**  
12592200

**Achromatopsia**  
5723991

**Achromatomaly**  
8209490

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12592200 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 #C02448 looks like.

```
.text, #text, p{  
    color:#C02448  
}
```

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 #C02448 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C02448
}
```

## Border

The CSS property to change the border of an element to Decimal 12592200 is called "border". The border property can be set on classes, ids or directly on the HTML element.

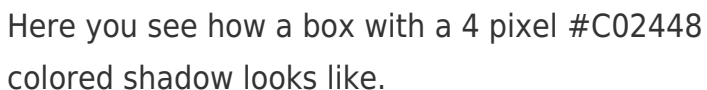
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C02448 }
```

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

```
.border{ border-color:#C02448 }
```

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



Here you see how a box with a 4 pixel `#C02448` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C02448; -webkit-box-shadow:4px 4px  
4px 4px #C02448; box-shadow:4px 4px 4px  
4px #C02448 }
```

# Background

The CSS property to change the background color of an element to Decimal 12592200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C02448 }
```

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

```
.background{ background-color:#C02448 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor