

# Converting Colors

Decimal(12789248)

Have a look what the booklet for  
Decimal(12789248) contains.

<b>Decimal(12789248)</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(12789248)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C32600
RGB	195, 38, 0
RGB Percent	76%, 15%, 0%
CMY	0.2353, 0.8510, 1.0000
CMYK	0.00, 0.81, 1.00, 0.24
HSL	12°, 100%, 38%
HSV	12°, 100%, 76%
XYZ	23.1988, 12.9883, 1.2843
YIQ	80.6110, 105.7700, 21.4660

# Conversions

## Conversions Part 2

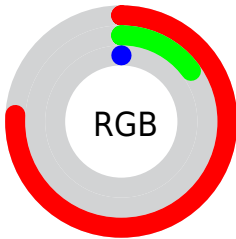
Format	Color
<a href="#">RYB</a>	<a href="#">195, 47, 0</a>
Decimal	<a href="#">12789248</a>
CIELab	<a href="#">42.75, 59.26, 55.76</a>
CIElCh	<a href="#">43, 81.368, 43.257</a>
Yxy	<a href="#">12.9883, 0.6191, 0.3466</a>
Android (android.graphics.Color)	<a href="#">4290979328</a> (0xFFC32600)
YUV	<a href="#">80.6110, -39.7412, 100.3192</a>
Hunter-Lab	<a href="#">36.0393, 51.8330, 23.1147</a>

# Details

The Decimal color **12789248** 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 **40387**, and the grayscale version is **5329233**.

A 20% lighter version of the original color is **16736822**, and **8585216** is the 20% darker color. If you saturate the color by 10%, you get **12789248**, and if you desaturate by 10%, it is **12793363**.

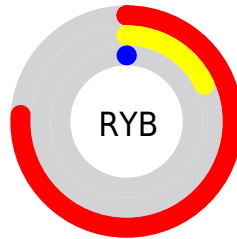
# Distribution



Red (76%)

Green (15%)

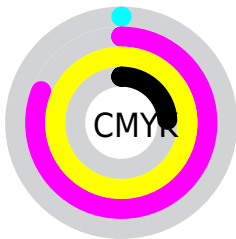
Blue (0%)



Red (76%)

Yellow (18%)

Blue (0%)

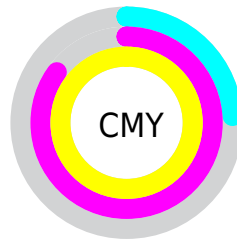


Cyan (0%)

Magenta (81%)

Yellow (100%)

Black (24%)



Cyan (24%)

Magenta (85%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12789248 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 12789248 by changing the saturation by 10% instead.



 12789248

 12789248

 16777201

 10682368

 16736822

 8585216

 16744015

 6553600

 16751464

 4653058

 16758658

 2686977

 16766109

 0

 16773560

 16777172

 12789248

 12793363

 12797223

 12801339

 12805454

 12809314

 12813429

 12817544

 12821660

 12825520

# Harmonies

## Analogous

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



13959243



12789248



10114048

# Triad

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



12789248



32059



26091

# Complementary

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



12789248



40387

# 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.



30952



12789248



32898

# Square

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



12789248



30720



32705



8929225

# Rectangle

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



12789248



7693568



32705



28142



# Sweetspot

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



12789248



16564145



12779679



8411986



0



8421504



# Same Dimension

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



12789248



16527616



12813568



6379863



10559232



2164224

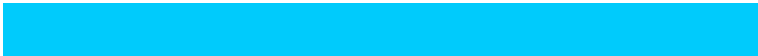


# Inverse Universe

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



40387



52220



16067



5726049



33185



6945



# Previews

## White Background



This preview shows how the Decimal color 12789248 looks on a white background.

## Color Contrast Check

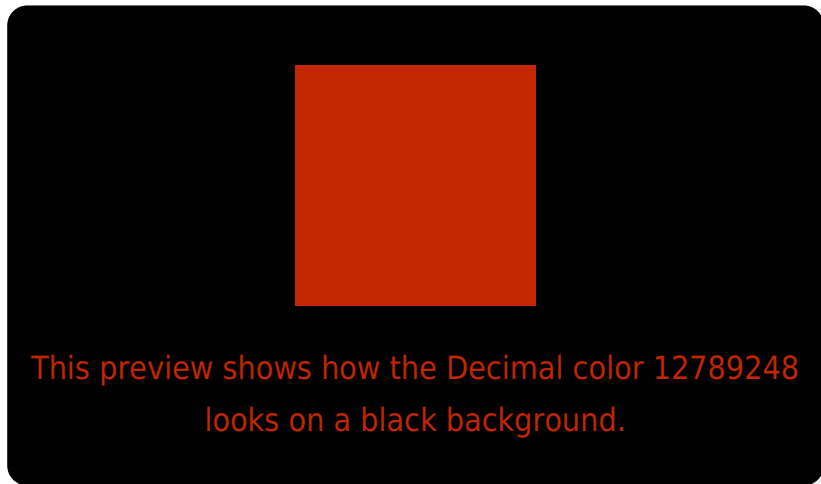
Large Text (above 18pt) WCAG AA ✓ Pass

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 12789248 Background



This preview shows how black text looks on a background with the Decimal color 12789248.



This preview shows how white text looks on a background with the Decimal color 12789248.

# 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



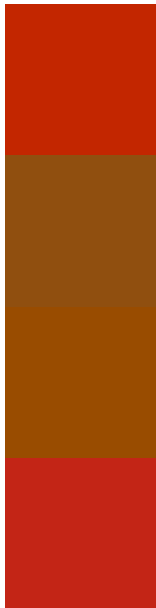
**Original Color**  
12789248

**Protanopia**  
7562775

**Deuteranopia**  
8478976



# Trichromacy



**Original Color**  
12789248

**Protanomaly**  
9457423

**Deuteranomaly**  
10046464

**Tritanomaly**  
12789014

# Monochromacy



**Original Color**  
12789248

**Achromatopsia**  
5329233

**Achromatomaly**  
8012084

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12789248 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 #C32600 looks like.

```
.text, #text, p{  
    color:#C32600  
}
```

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 #C32600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C32600
}
```

## Border

The CSS property to change the border of an element to Decimal 12789248 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
#C32600 }
```

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

```
.border{ border-color:#C32600 }
```

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

Here you see how a box with a 4 pixel #C32600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C32600; -webkit-box-shadow:4px 4px  
4px 4px #C32600; box-shadow:4px 4px 4px  
4px #C32600 }
```

# Background

The CSS property to change the background color of an element to Decimal 12789248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C32600 }
```

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

```
.background{ background-color:#C32600 }
```

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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