

# Converting Colors

Decimal(12981294)

Have a look what the booklet for  
Decimal(12981294) contains.

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# Color

**Decimal(12981294)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C6142E
RGB	198, 20, 46
RGB Percent	78%, 8%, 18%
CMY	0.2235, 0.9216, 0.8196
CMYK	0.00, 0.90, 0.77, 0.22
HSL	351°, 82%, 43%
HSV	351°, 90%, 78%
XYZ	24.0320, 12.7033, 3.7701
YIQ	76.1860, 97.7420, 45.8220

# Conversions

## Conversions Part 2

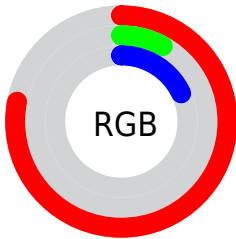
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	198, 20, 46
Decimal	12981294
CIE <sub>Lab</sub>	42.31, 64.82, 35.35
CIE <sub>LCh</sub>	42, 73.835, 28.607
Yxy	12.7033, 0.5933, 0.3136
Android (android.graphics.Color)	4291171374 (0xFFC6142E)
YUV	76.1860, -14.8817, 106.8309
Hunter-Lab	35.6417, 57.9834, 18.6776

# Details

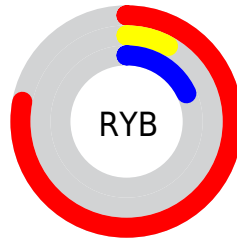
The Decimal color **12981294** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **1361580**, and the grayscale version is **5000268**.

A 20% lighter version of the original color is **16734812**, and **8847360** is the 20% darker color. If you saturate the color by 10%, you get **12976157**, and if you desaturate by 10%, it is **12986431**.

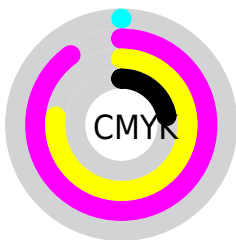
# Distribution



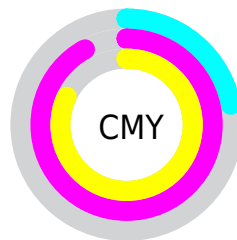
- Red (78%)
- Green (8%)
- Blue (18%)



- Red (78%)
- Yellow (8%)
- Blue (18%)



- Cyan (0%)
- Magenta (90%)
- Yellow (77%)
- Black (22%)



- Cyan (22%)
- Magenta (92%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12981294 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 12981294 by changing the saturation by 10% instead.



 12981294	 12981294
16777215	 10879001
 16734812	 8847360
 16742261	 6815744
 16749710	 4849666
 16757161	 2883585
 16764612	 0
 16772320	
16777213	
 12981294	 12981294

■ 12976157

■ 12986431

■ 12991568

■ 12996449

■ 13001586

■ 13006723

■ 13011859

■ 13016996

■ 13021877

■ 13027014

# Harmonies

## Analogous

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



13107306



12981294



11158784

# Triad

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



12981294



31004



28128

# Complementary

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



12981294



1361580

# 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.



31181



12981294



31839

# Square

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



12981294



4157696



32157



5199313

# Rectangle

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



12981294



9263360



32157



29405



# Sweetspot

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



12981294



16759492



11211974



8410973



0



8421504



# Same Dimension

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



12981294



16711717



12997140



6511195



10682392



2359301



# Inverse Universe

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



12981294



16711717



1345734



6511195



10682392



2359301



# Previews

## White Background



This preview shows how the Decimal color 12981294 looks on a white background.

## Color Contrast Check

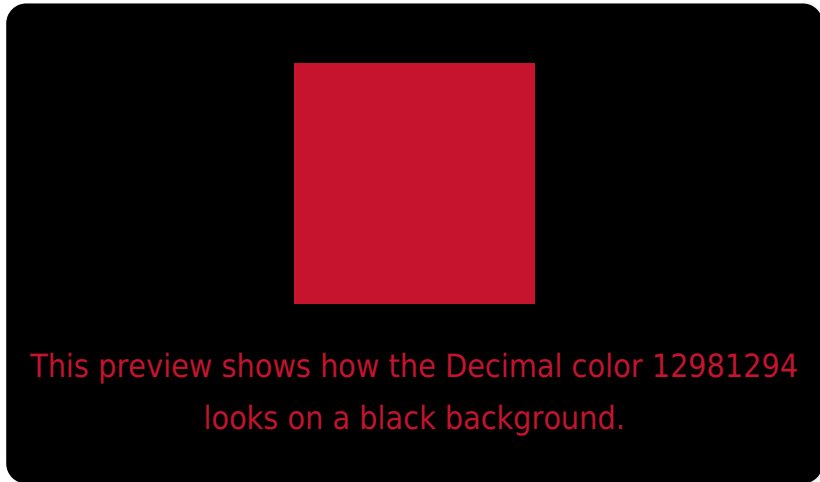
Large Text (above 18pt) WCAG AA ✓ Pass

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 12981294 Background



This preview shows how black text looks on a background with the Decimal color 12981294.



This preview shows how white text looks on a background with the Decimal color 12981294.

# 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**  
12981294

**Protanopia**  
7234885

**Deuteranopia**  
8347682



# Trichromacy



**Original Color**  
12981294

**Protanomaly**  
9324605

**Deuteranomaly**  
10044454

**Tritanomaly**  
12982303

# Monochromacy



**Original Color**  
12981294

**Achromatopsia**  
5000268

**Achromatomaly**  
7878721

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12981294 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 #C6142E looks like.

```
.text, #text, p{  
    color:#C6142E  
}
```

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 #C6142E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6142E
}
```

## Border

The CSS property to change the border of an element to Decimal 12981294 is called "border". The border property can be set on classes, ids or directly on the HTML element.

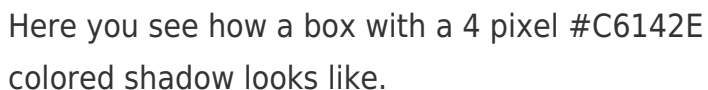
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C6142E }
```

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

```
.border{ border-color:#C6142E }
```

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



Here you see how a box with a 4 pixel `#C6142E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6142E; -webkit-box-shadow:4px 4px  
4px 4px #C6142E; box-shadow:4px 4px 4px  
4px #C6142E }
```

# Background

The CSS property to change the background color of an element to Decimal 12981294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6142E }
```

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

```
.background{ background-color:#C6142E }
```

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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