

# Converting Colors

Decimal(12984630)

Have a look what the booklet for  
Decimal(12984630) contains.

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# Color

**Decimal(12984630)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C62136
RGB	198, 33, 54
RGB Percent	78%, 13%, 21%
CMY	0.2235, 0.8706, 0.7882
CMYK	0.00, 0.83, 0.73, 0.22
HSL	352°, 71%, 45%
HSV	352°, 83%, 78%
XYZ	24.4984, 13.3598, 4.7775
YIQ	84.7290, 91.5990, 41.5110

# Conversions

## Conversions Part 2

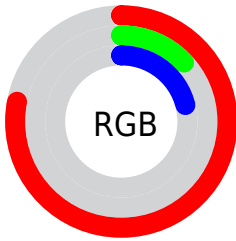
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	198, 33, 54
Decimal	12984630
CIE Lab	43.30, 62.60, 31.70
CIE LCh	43, 70.166, 26.859
Yxy	13.3598, 0.5746, 0.3133
Android (android.graphics.Color)	4291174710 (0xFFC62136)
YUV	84.7290, -15.1494, 99.3387
Hunter-Lab	36.5511, 55.6754, 17.8361

# Details

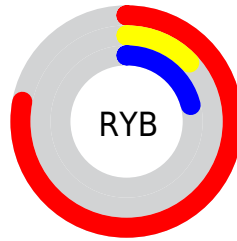
The Decimal color **12984630** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark muted red. A complement of this color would be **2213553**, and the grayscale version is **5592405**.

A 20% lighter version of the original color is **16736613**, and **8912908** is the 20% darker color. If you saturate the color by 10%, you get **12979493**, and if you desaturate by 10%, it is **12989767**.

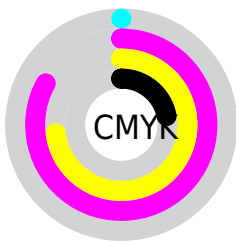
# Distribution



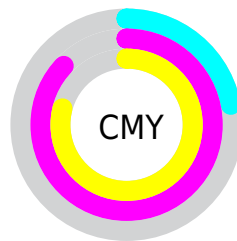
- Red (78%)
- Green (13%)
- Blue (21%)



- Red (78%)
- Yellow (13%)
- Blue (21%)



- Cyan (0%)
- Magenta (83%)
- Yellow (73%)
- Black (22%)



- Cyan (22%)
- Magenta (87%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12984630 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 12984630 by changing the saturation by 10% instead.



 12984630

 12984630

16777215

 10944545

 16736613

 8912908

 16743806

 6881280

 16751256

 4915202

 16758706

 2949122

 16766158

 0

 16773610

 12984630

 12984630

 12979493

 12989767

■ 12976153

■ 12994905

■ 12999786

■ 13004923

■ 13010060

■ 13015198

■ 13020335

■ 13025216

■ 13030354

# Harmonies

## Analogous

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



12978799



12984630



11290624

# Triad

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



12984630



31263



28892

# Complementary

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



12984630



2213553

# 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.



31688



12984630



32350

# Square

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



12984630



4813312



32666



5069519

# Rectangle

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



12984630



9591296



32666



30169



# Sweetspot

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



12984630



16760775



11542982



8411486



0



8421504



# Same Dimension

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



12984630



16711712



13000225



6511195



10682389



2359301



# Inverse Universe

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



12984630



16711712



2198214



6511195



10682389



2359301



# Previews

## White Background



This preview shows how the Decimal color 12984630 looks on a white background.

## Color Contrast Check

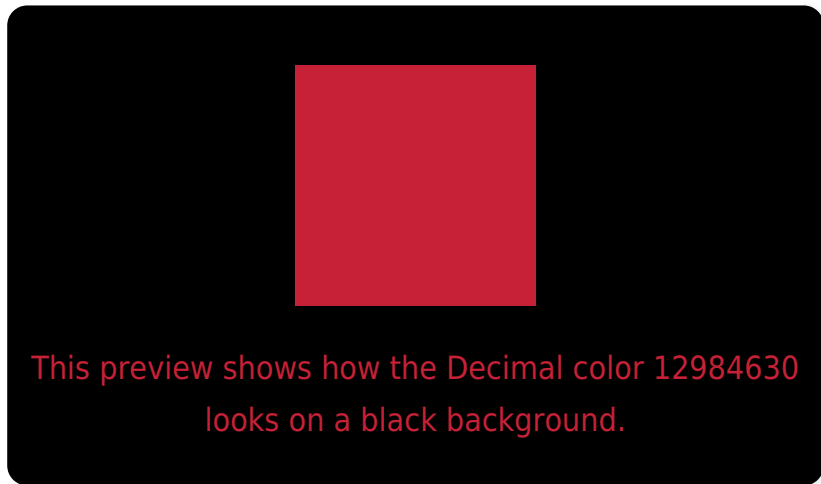
Large Text (above 18pt) WCAG AA ✓ Pass

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 12984630 Background



This preview shows how black text looks on a background with the Decimal color 12984630.

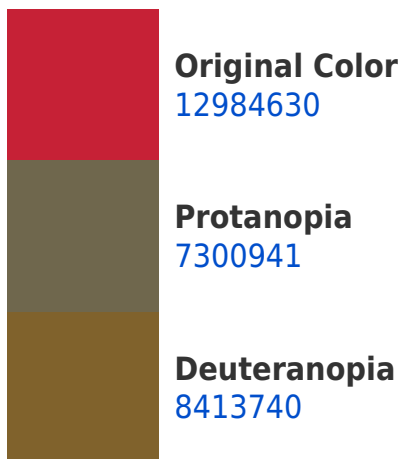


This preview shows how white text looks on a background with the Decimal color 12984630.

# 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**  
12984630

**Protanomaly**  
9391685

**Deuteranomaly**  
10046000

**Tritanomaly**  
12985387

# Monochromacy



**Original Color**  
12984630

**Achromatopsia**  
5592405

**Achromatomaly**  
8274506

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12984630 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 #C62136 looks like.

```
.text, #text, p{  
    color:#C62136  
}
```

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 #C62136 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C62136
}
```

## Border

The CSS property to change the border of an element to Decimal 12984630 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
#C62136 }
```

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

```
.border{ border-color:#C62136 }
```

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

Here you see how a box with a 4 pixel #C62136 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C62136; -webkit-box-shadow:4px 4px  
4px 4px #C62136; box-shadow:4px 4px 4px  
4px #C62136 }
```

# Background

The CSS property to change the background color of an element to Decimal 12984630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C62136 }
```

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

```
.background{ background-color:#C62136 }
```

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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