

# Converting Colors

Decimal(14098226)

Have a look what the booklet for  
Decimal(14098226) contains.

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**Color**

**Decimal(14098226)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D71F32
RGB	215, 31, 50
RGB Percent	84%, 12%, 20%
CMY	0.1569, 0.8784, 0.8039
CMYK	0.00, 0.86, 0.77, 0.16
HSL	354°, 75%, 48%
HSV	354°, 86%, 84%
XYZ	29.0900, 15.6573, 4.5066
YIQ	88.1820, 103.5650, 44.9170

# Conversions

## Conversions Part 2

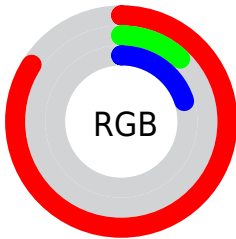
Format	Color
R <sub>Y</sub> B	215, 31, 50
Decimal	14098226
CIE Lab	46.52, 67.47, 38.61
CIE LCh	47, 77.734, 29.785
Yxy	15.6573, 0.5906, 0.3179
Android (android.graphics.Color)	4292288306 (0xFFD71F32)
YUV	88.1820, -18.8237, 111.2194
Hunter-Lab	39.5694, 61.9808, 20.9460

# Details

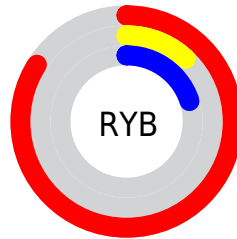
The Decimal color **14098226** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **2086852**, and the grayscale version is **5789784**.

A 20% lighter version of the original color is **16736865**, and **9895942** is the 20% darker color. If you saturate the color by 10%, you get **14092831**, and if you desaturate by 10%, it is **14103877**.

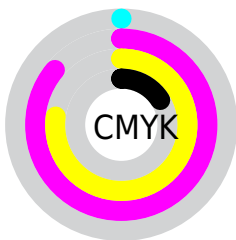
# Distribution



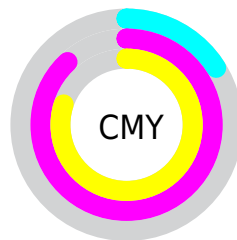
- Red (84%)
- Green (12%)
- Blue (20%)



- Red (84%)
- Yellow (12%)
- Blue (20%)



- Cyan (0%)
- Magenta (86%)
- Yellow (77%)
- Black (16%)



- Cyan (16%)
- Magenta (88%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14098226 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 14098226 by changing the saturation by 10% instead.



 14098226

 14098226

16777215

 11993117

 16736865

 9895942

 16744570

 7864320

 16752020

 5767169

 16759470

 3866626

 16766922

 1376256

 16774630

 0

 14098226

 14098226

 14092831

 14103877

 14090262

 14109273

 14114924

 14120319

 14125970

 14131366

 14137017

 14142412

 14148064

# Harmonies

## Analogous

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



14352498



14098226



12078848

# Triad

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



14098226



34085



30707

# Complementary

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



14098226



2086852

# 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.



34272



14098226



35180

# Square

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



14098226



4488448



35246



6249953

# Rectangle

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



14098226



10052608



35246



32241



# Sweetspot

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



14098226



16760260



12722135



8411228



0



8421504



# Same Dimension

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



14098226



16711706



14116383



7037025



11206674



2818052



# Inverse Universe

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



14098226



16711706



2068695



7037025



11206674



2818052



# Previews

## White Background



This preview shows how the Decimal color 14098226 looks on a white background.

## Color Contrast Check

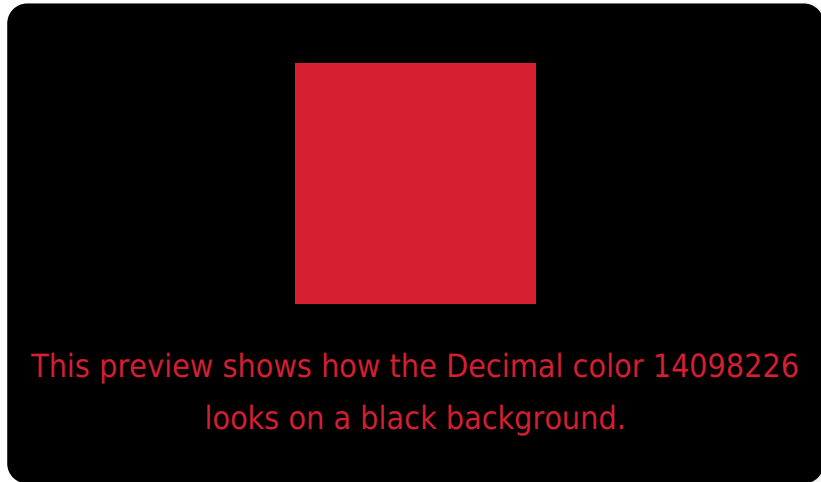
Large Text (above 18pt) WCAG AA ✓ Pass

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 14098226 Background



This preview shows how black text looks on a background with the Decimal color 14098226.



This preview shows how white text looks on a background with the Decimal color 14098226.

# 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**  
14098226

**Protanopia**  
7958345

**Deuteranopia**  
9136677



**Tritanopia**  
14099232

# Trichromacy



**Original Color**

14098226

**Protanomaly**

10179137

**Deuteranomaly**

10964778

**Tritanomaly**

14098983

# Monochromacy



**Original Color**

14098226

**Achromatopsia**

5789784

**Achromatomaly**

8799050

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14098226 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 #D71F32 looks like.

```
.text, #text, p{  
  color:#D71F32  
}
```

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 #D71F32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D71F32
}
```

## Border

The CSS property to change the border of an element to Decimal 14098226 is called "border". The border property can be set on classes, ids or directly on the HTML element.

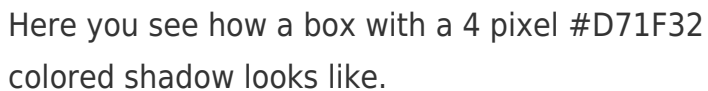
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D71F32 }
```

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

```
.border{ border-color:#D71F32 }
```

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



Here you see how a box with a 4 pixel #D71F32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D71F32; -webkit-box-shadow:4px 4px  
4px 4px #D71F32; box-shadow:4px 4px 4px  
4px #D71F32 }
```

# Background

The CSS property to change the background color of an element to Decimal 14098226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D71F32 }
```

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

```
.background{ background-color:#D71F32 }
```

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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