

Converting Colors

Decimal(12714042)

Have a look what the booklet for
Decimal(12714042) contains.

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Color

Decimal(12714042)

Conversions

Conversions Part 1

Format	Color
Hex	C2003A
RGB	194, 0, 58
RGB Percent	76%, 0%, 23%
CMY	0.2392, 1.0000, 0.7725
CMYK	0.00, 1.00, 0.70, 0.24
HSL	342°, 100%, 38%
HSV	342°, 100%, 76%
XYZ	23.0119, 11.7748, 5.0629
YIQ	64.6180, 97.0060, 59.1660

Conversions

Conversions Part 2

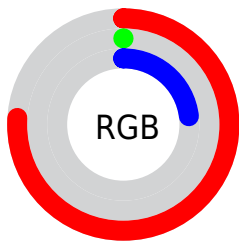
Format	Color
RYB	194, 0, 58
Decimal	12714042
CIELab	40.86, 66.56, 26.11
CIElCh	41, 71.500, 21.417
Yxy	11.7748, 0.5775, 0.2955
Android (android.graphics.Color)	4290904122 (0xFFC2003A)
YUV	64.6180, -3.2627, 113.4680
Hunter-Lab	34.3145, 59.6548, 15.2722

Details

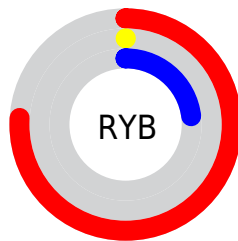
The Decimal color **12714042** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **49800**, and the grayscale version is **4276545**.

A 20% lighter version of the original color is **16733289**, and **8650769** is the 20% darker color. If you saturate the color by 10%, you get **12714042**, and if you desaturate by 10%, it is **12718920**.

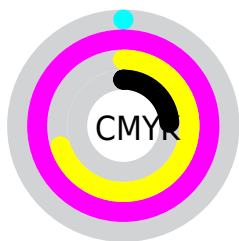
Distribution



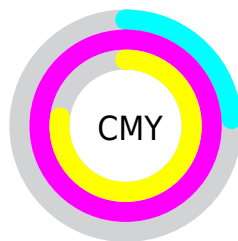
- Red (76%)
- Green (0%)
- Blue (23%)



- Red (76%)
- Yellow (0%)
- Blue (23%)



- Cyan (0%)
- Magenta (100%)
- Yellow (70%)
- Black (24%)



- Cyan (24%)
- Magenta (100%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12714042 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 12714042 by changing the saturation by 10% instead.

 12714042  12714042

16777215  10682405

 16733289  8650769

 16740738  6619136

 16748188  4718595

 16755639  2621441

 16763346  0

 16770798

 12714042

 12718920

 12724053

 12728931

 12734064

 12738942

 12743820

 12748953

 12753831

 12758964

Harmonies

Analogous

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



12386420



12714042



11287040

Triad

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



12714042



29443



28118

Complementary

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



12714042



49800

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.



30396



12714042



30541

Square

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



12714042



5138944



31114



1464783

Rectangle

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



12714042



9654272



31114



29137

Sweetspot

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



12714042



16560583



8913090



8409695



0



8421504

Same Dimension

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



12714042



16515147



12723968



6379354



10551344



2162698

Inverse Universe

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



12714042



16515147



39874



6379354



10551344



2162698

Previews

White Background



This preview shows how the Decimal color 12714042 looks on a white background.

Color Contrast Check

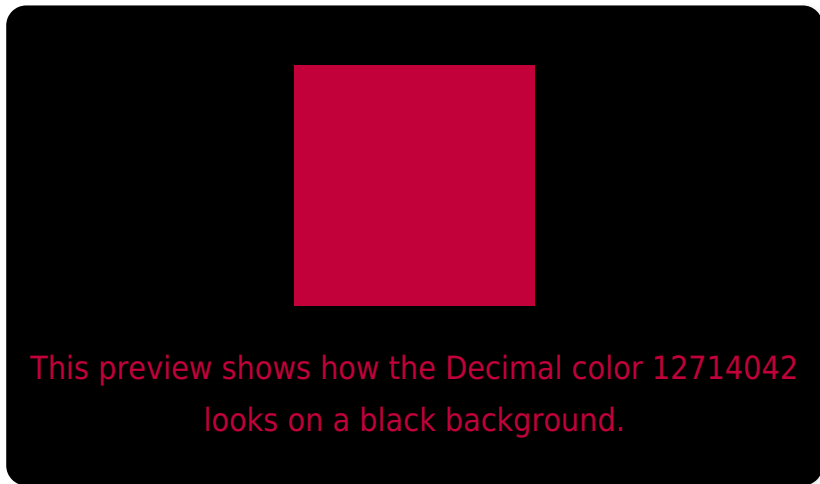
Large Text (above 18pt) WCAG AA ✓ Pass

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 12714042 Background



This preview shows how black text looks on a background with the Decimal color 12714042.

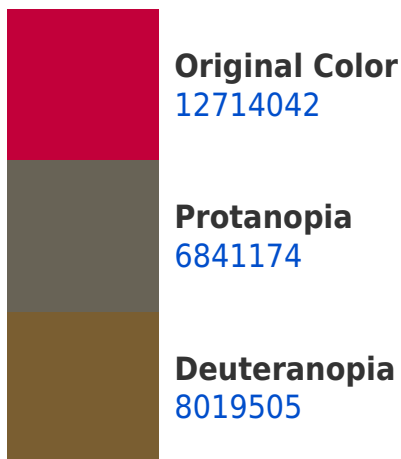



This preview shows how white text looks on a background with the Decimal color 12714042.

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](#).

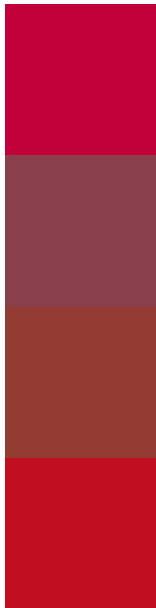
Dichromacy





Tritanopia
12654611

Trichromacy



Original Color
12714042

Protanomaly
8994636

Deuteranomaly
9714740

Tritanomaly
12652321

Monochromacy



Original Color
12714042

Achromatopsia
4276545

Achromatomaly
7350590

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12714042 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 #C2003A looks like.

```
.text, #text, p{  
  color:#C2003A  
}
```

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 #C2003A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2003A
}
```

Border

The CSS property to change the border of an element to Decimal 12714042 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
#C2003A }
```

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

```
.border{ border-color:#C2003A }
```

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

Here you see how a box with a 4 pixel #C2003A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2003A; -webkit-box-shadow:4px 4px  
4px 4px #C2003A; box-shadow:4px 4px 4px  
4px #C2003A }
```

Background

The CSS property to change the background color of an element to Decimal 12714042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2003A }
```

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

```
.background{ background-color:#C2003A }
```

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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