

Converting Colors

Decimal(12714013)

Have a look what the booklet for
Decimal(12714013) contains.

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Color

Decimal(12714013)

Conversions

Conversions Part 1

Format	Color
Hex	C2001D
RGB	194, 0, 29
RGB Percent	76%, 0%, 11%
CMY	0.2392, 1.0000, 0.8863
CMYK	0.00, 1.00, 0.85, 0.24
HSL	351°, 100%, 38%
HSV	351°, 100%, 76%
XYZ	22.4699, 11.5580, 2.2090
YIQ	61.3120, 106.3150, 50.1470

Conversions

Conversions Part 2

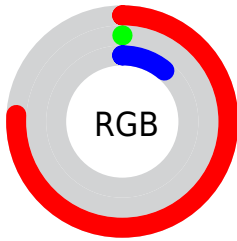
Format	Color
RYB	194, 0, 29
Decimal	12714013
CIELab	40.50, 65.61, 42.87
CIELCh	41, 78.376, 33.164
Yxy	11.5580, 0.6201, 0.3190
Android (android.graphics.Color)	4290904093 (0xFFC2001D)
YUV	61.3120, -15.9298, 116.3674
Hunter-Lab	33.9971, 58.4820, 19.9455

Details

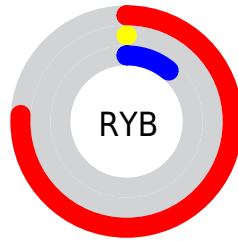
The Decimal color **12714013** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **49829**, and the grayscale version is **4013373**.

A 20% lighter version of the original color is **16733002**, and **8585216** is the 20% darker color. If you saturate the color by 10%, you get **12714013**, and if you desaturate by 10%, it is **12718894**.

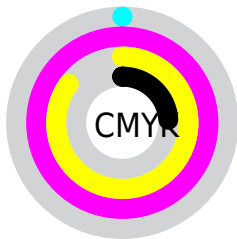
Distribution



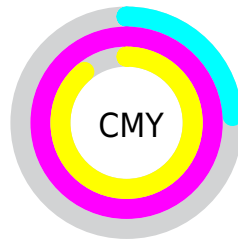
- Red (76%)
- Green (0%)
- Blue (11%)



- Red (76%)
- Yellow (0%)
- Blue (11%)



- Cyan (0%)
- Magenta (100%)
- Yellow (85%)
- Black (24%)



- Cyan (24%)
- Magenta (100%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12714013 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 12714013 by changing the saturation by 10% instead.

 12714013	 12714013
 16777215	 10616839
 16733002	 8585216
 16740707	 6488064
 16747900	 4653059
 16755350	 2490369
 16762801	 0
 16770508	
 16777193	
 12714013	

 12718894

 12724030

 12728911

 12734047

 12738928

 12743808

 12748945

 12753825

 12758962

Harmonies

Analogous

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



13238364



12714013



10568448

Triad

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



12714013



30238



26594

Complementary

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



12714013



49829

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.



30163



12714013



30821

Square

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



12714013



2584064



31141



6048461

Rectangle

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



12714013



8476672



31141



28129

Sweetspot

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



12714013



16560572



10813634



8409688



0



8421504

Same Dimension

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



12714013



16515110



12731392



6379353



10551320



2162693

Inverse Universe

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



12714013



16515110



32450



6379353



10551320



2162693

Previews

White Background



This preview shows how the Decimal color 12714013 looks on a white background.

Color Contrast Check

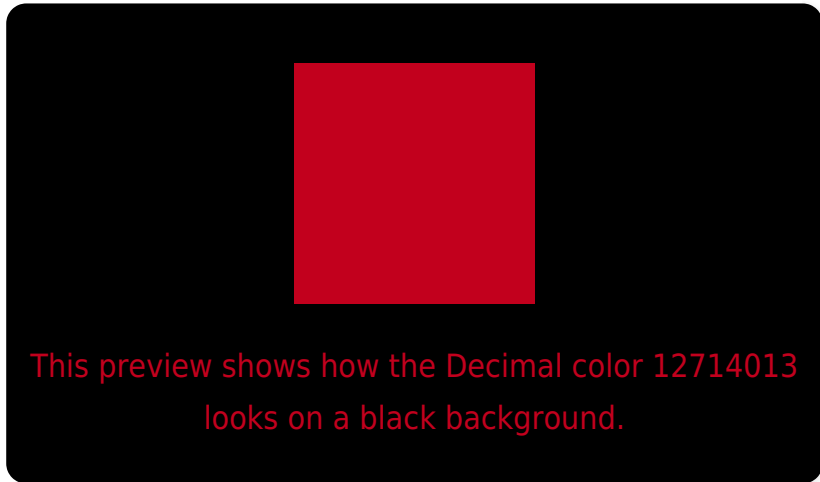
Large Text (above 18pt) WCAG AA ✓ Pass

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 12714013 Background



This preview shows how black text looks on a background with the Decimal color 12714013.



This preview shows how white text looks on a background with the Decimal color 12714013.

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
12714013

Protanopia
7168560

Deuteranopia
8150272

Trichromacy



Original Color
12714013

Protanomaly
9190953

Deuteranomaly
9779979

Tritanomaly
12651275

Monochromacy



Original Color
12714013

Achromatopsia
4013373

Achromatomaly
7153457

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12714013 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 #C2001D looks like.

```
.text, #text, p{  
  color:#C2001D  
}
```

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 #C2001D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2001D
}
```

Border

The CSS property to change the border of an element to Decimal 12714013 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".

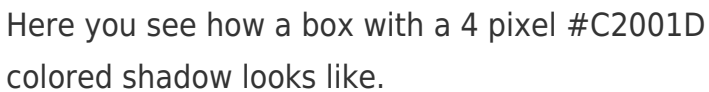
```
.border, #border, table{ border:4px solid
#C2001D }
```

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

```
.border{ border-color:#C2001D }
```

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

Here you see how a box with a 4 pixel #C2001D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2001D; -webkit-box-shadow:4px 4px  
4px 4px #C2001D; box-shadow:4px 4px 4px  
4px #C2001D }
```

Background

The CSS property to change the background color of an element to Decimal 12714013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2001D }
```

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

```
.background{ background-color:#C2001D }
```

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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