

# Converting Colors

Decimal(12714050)

Have a look what the booklet for  
Decimal(12714050) contains.

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# Color

**Decimal(12714050)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | C20042                    |
| RGB           | 194, 0, 66                |
| RGB Percent   | 76%, 0%, 26%              |
| CMY           | 0.2392, 1.0000, 0.7412    |
| CMYK          | 0.00, 1.00, 0.66, 0.24    |
| HSL           | 340°, 100%, 38%           |
| HSV           | 340°, 100%, 76%           |
| XYZ           | 23.2315, 11.8627, 6.2195  |
| YIQ           | 65.5300, 94.4380, 61.6540 |

# Conversions

## Conversions Part 2

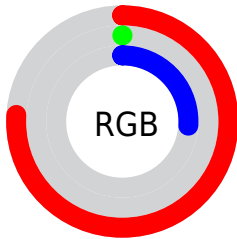
| Format                              | Color                                      |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">194, 0, 66</a>                 |
| Decimal                             | <a href="#">12714050</a>                   |
| CIELab                              | <a href="#">41.00, 66.94, 21.25</a>        |
| CIElCh                              | <a href="#">41, 70.233, 17.608</a>         |
| Yxy                                 | <a href="#">11.8627, 0.5623, 0.2871</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4290904130</a><br>(0xFFC20042) |
| YUV                                 | <a href="#">65.5300, 0.2317, 112.6682</a>  |
| Hunter-Lab                          | <a href="#">34.4422, 60.1254, 13.4030</a>  |

# Details

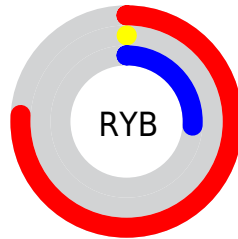
The Decimal color **12714050** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **49792**, and the grayscale version is **4276545**.

A 20% lighter version of the original color is **16733297**, and **8650776** is the 20% darker color. If you saturate the color by 10%, you get **12714050**, and if you desaturate by 10%, it is **12718927**.

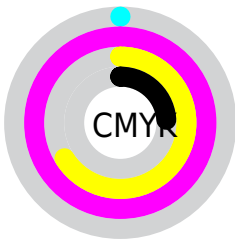
# Distribution



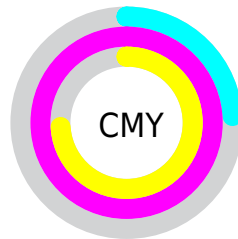
- Red (76%)
- Green (0%)
- Blue (26%)



- Red (76%)
- Yellow (0%)
- Blue (26%)



- Cyan (0%)
- Magenta (100%)
- Yellow (66%)
- Black (24%)



- Cyan (24%)
- Magenta (100%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12714050 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 12714050 by changing the saturation by 10% instead.





 12714050       12714050

16777215       10682412

 16733297       8650776

 16741003       6684672

 16748453       4784131

 16755904       2686977

 16763356       0

 16771064

 12714050

 12718927

 12724060

 12728936

 12734069

 12738946

 12743823

 12748956

 12753832

 12758965

# Harmonies

## Analogous

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



12126075



12714050



11482883

# Triad

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



12714050



29184



28627

# Complementary

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



12714050



49792

# 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.



30646



12714050



30534

# Square

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



12714050



5728256



31106



23760

# Rectangle

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



12714050



9981184



31106



29388



# Sweetspot

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



12714050



16560586



8257730



8409697



0



8421504



# Same Dimension

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



12714050



16515158



12721408



6379355



10551351



2162699



# Inverse Universe

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



12714050



16515158



42434



6379355



10551351



2162699



# Previews

## White Background



This preview shows how the Decimal color 12714050 looks on a white background.

## Color Contrast Check

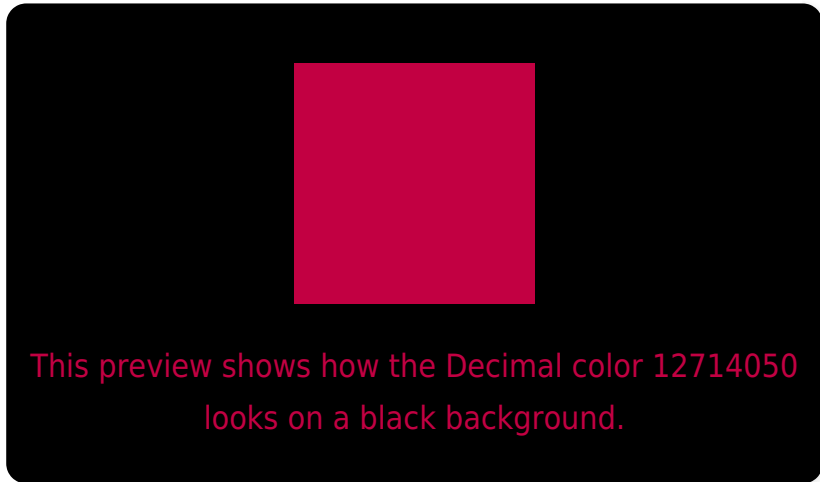
Large Text (above 18pt) WCAG AA ✓ Pass

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 12714050 Background



This preview shows how black text looks on a background with the Decimal color 12714050.

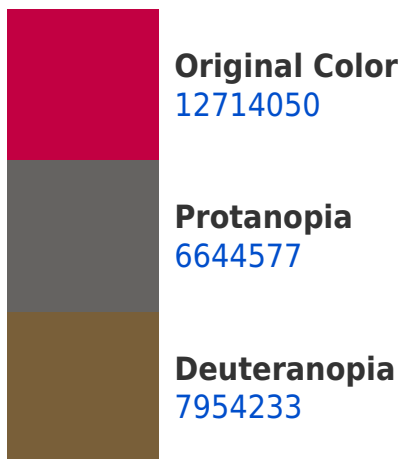


This preview shows how white text looks on a background with the Decimal color 12714050.

# Color Blindness Simulation

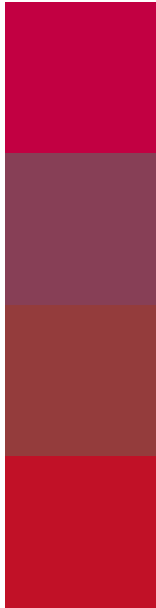
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
12714050

**Protanomaly**  
8863574

**Deuteranomaly**  
9714748

**Tritanomaly**  
12652839

# Monochromacy



**Original Color**  
12714050

**Achromatopsia**  
4342338

**Achromatomaly**  
7416386

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12714050 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 #C20042 looks like.

```
.text, #text, p{  
  color:#C20042  
}
```

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 #C20042 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C20042
}
```

## Border

The CSS property to change the border of an element to Decimal 12714050 is called "border". The border property can be set on classes, ids or directly on the HTML element.

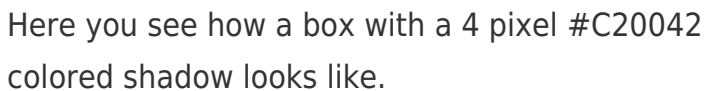
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C20042 }
```

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

```
.border{ border-color:#C20042 }
```

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



Here you see how a box with a 4 pixel `#C20042` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C20042; -webkit-box-shadow:4px 4px  
4px 4px #C20042; box-shadow:4px 4px 4px  
4px #C20042 }
```

# Background

The CSS property to change the background color of an element to Decimal 12714050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C20042 }
```

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

```
.background{ background-color:#C20042 }
```

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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