

Converting Colors

Decimal(12714034)

Have a look what the booklet for
Decimal(12714034) contains.

Decimal(12714034)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(12714034)

Conversions

Conversions Part 1

Format	Color
Hex	C20032
RGB	194, 0, 50
RGB Percent	76%, 0%, 20%
CMY	0.2392, 1.0000, 0.8039
CMYK	0.00, 1.00, 0.74, 0.24
HSL	345°, 100%, 38%
HSV	345°, 100%, 76%
XYZ	22.8239, 11.6996, 4.0729
YIQ	63.7060, 99.5740, 56.6780

Conversions

Conversions Part 2

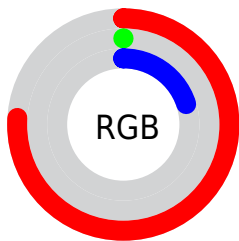
Format	Color
R_{YB}	194, 0, 50
Decimal	12714034
CIE Lab	40.73, 66.23, 30.93
CIE LCh	41, 73.101, 25.032
Yxy	11.6996, 0.5913, 0.3031
Android (android.graphics.Color)	4290904114 (0xFFC20032)
YUV	63.7060, -6.7571, 114.2678
Hunter-Lab	34.2047, 59.2499, 16.8834

Details

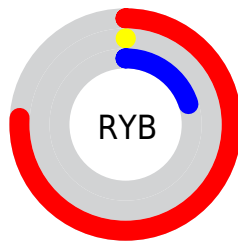
The Decimal color **12714034** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **49808**, and the grayscale version is **4210752**.

A 20% lighter version of the original color is **16733280**, and **8585222** is the 20% darker color. If you saturate the color by 10%, you get **12714034**, and if you desaturate by 10%, it is **12718912**.

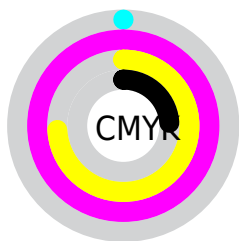
Distribution



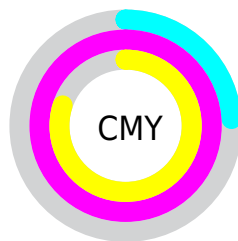
- Red (76%)
- Green (0%)
- Blue (20%)



- Red (76%)
- Yellow (0%)
- Blue (20%)



- Cyan (0%)
- Magenta (100%)
- Yellow (74%)
- Black (24%)



- Cyan (24%)
- Magenta (100%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12714034 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 12714034 by changing the saturation by 10% instead.

 12714034

 12714034

16777215

 10616861

 16733280

 8585222

 16740729

 6553600

 16748179

 4718595

 16755629

 2621441

 16763081

 0

 16770789

 12714034

 12718912

 12724047

 12728925

 12734060

 12738938

 12743816

 12748951

 12753829

 12758964

Harmonies

Analogous

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



12648557



12714034



11091200

Triad

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



12714034



29709



27609

Complementary

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



12714034



49808

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.



30403



12714034



30804

Square

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



12714034



4549376



31122



3495374

Rectangle

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



12714034



9327104



31122



28885

Sweetspot

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



12714034



16560580



9306306



8409693



0



8421504

Same Dimension

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



12714034



16515137



12725504



6379354



10551337



2162697

Inverse Universe

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



12714034



16515137



38338



6379354



10551337



2162697

Previews

White Background



This preview shows how the Decimal color 12714034 looks on a white background.

Color Contrast Check

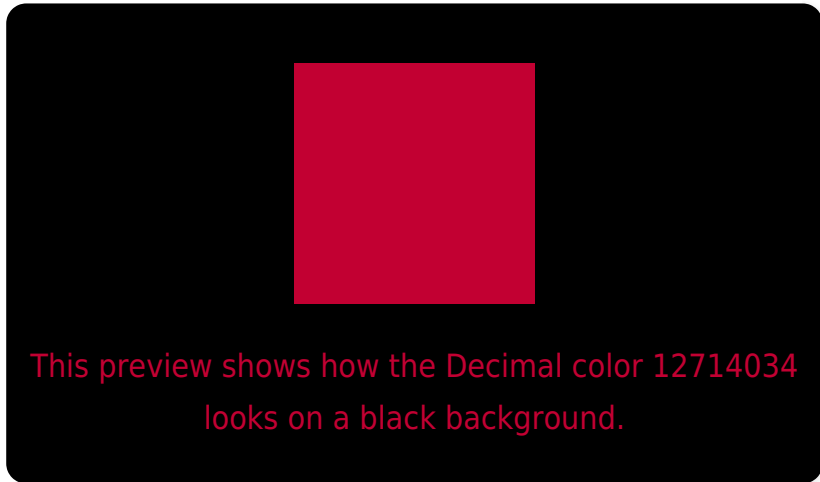
Large Text (above 18pt) WCAG AA ✓ Pass

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 12714034 Background



This preview shows how black text looks on a background with the Decimal color 12714034.

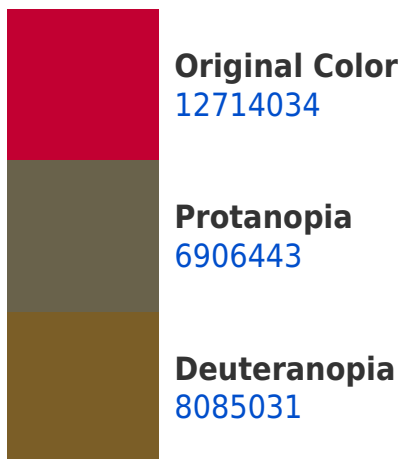


This preview shows how white text looks on a background with the Decimal color 12714034.

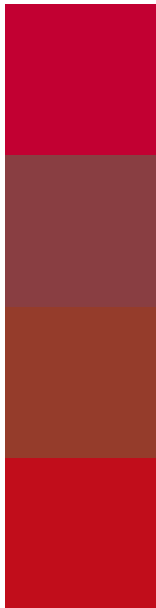
Color Blindness Simulation

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
12714034

Protanomaly
8994370

Deuteranomaly
9780267

Tritanomaly
12651803

Monochromacy



Original Color
12714034

Achromatopsia
4210752

Achromatomaly
7285051

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12714034 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 #C20032 looks like.

```
.text, #text, p{  
    color:#C20032  
}
```

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 #C20032 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C20032
}
```

Border

The CSS property to change the border of an element to Decimal 12714034 is called "border". The border property can be set on classes, ids or directly on the HTML element.

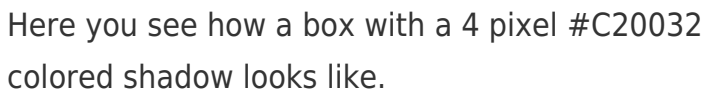
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C20032 }
```

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

```
.border{ border-color:#C20032 }
```

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



Here you see how a box with a 4 pixel `#C20032` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C20032; -webkit-box-shadow:4px 4px  
4px 4px #C20032; box-shadow:4px 4px 4px  
4px #C20032 }
```

Background

The CSS property to change the background color of an element to Decimal 12714034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C20032 }
```

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

```
.background{ background-color:#C20032 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor