

Converting Colors

Decimal(12713992)

Have a look what the booklet for
Decimal(12713992) contains.

Decimal(12713992)	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(12713992)

Conversions

Conversions Part 1

Format	Color
Hex	C20008
RGB	194, 0, 8
RGB Percent	76%, 0%, 3%
CMY	0.2392, 1.0000, 0.9686
CMYK	0.00, 1.00, 0.96, 0.24
HSL	358°, 100%, 38%
HSV	358°, 100%, 76%
XYZ	22.2920, 11.4869, 1.2720
YIQ	58.9180, 113.0560, 43.6160

Conversions

Conversions Part 2

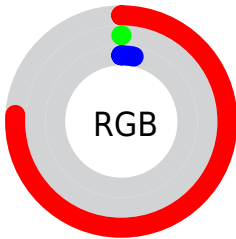
Format	Color
RYB	194, 0, 8
Decimal	12713992
CIELab	40.39, 65.29, 51.84
CIElCh	40, 83.370, 38.449
Yxy	11.4869, 0.6360, 0.3277
Android (android.graphics.Color)	4290904072 (0xFFC20008)
YUV	58.9180, -25.1026, 118.4669
Hunter-Lab	33.8923, 58.0933, 21.4994

Details

The Decimal color **12713992** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **49850**, and the grayscale version is **3881787**.

A 20% lighter version of the original color is **16732985**, and **8519680** is the 20% darker color. If you saturate the color by 10%, you get **12713992**, and if you desaturate by 10%, it is **12718875**.

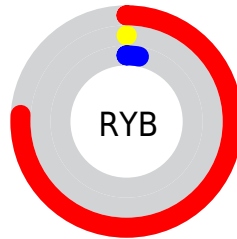
Distribution



Red (76%)

Green (0%)

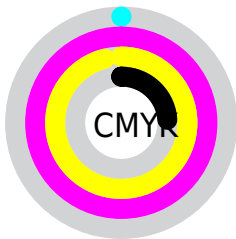
Blue (3%)



Red (76%)

Yellow (0%)

Blue (3%)

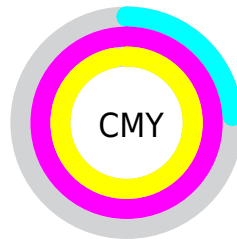


Cyan (0%)

Magenta (100%)

Yellow (96%)

Black (24%)



Cyan (24%)











Magenta (100%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12713992 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 12713992 by changing the saturation by 10% instead.

 12713992	 12713992
 16777203	 10616832
 16732985	 8519680
 16740433	 6422528
 16747882	 4587523
 16755332	 2424833
 16762783	 0
 16770234	
 16777174	
 12713992	

 12718875

 12724013

 12728896

 12734034

 12738917

 12743800

 12748938

 12753821

 12758959

Harmonies

Analogous

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



13631568



12713992



10176512

Triad

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



12713992



30504



25577

Complementary

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



12713992



49850

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.



29920



12713992



31090

Square

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



12713992



28928



31156



7422156

Rectangle

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



12713992



7887872



31156



27627

Sweetspot

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



12713992



16560564



12058818



8409683



0



8421504

Same Dimension

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



12713992



16515082



12736256



6379352



10551303



2162689

Inverse Universe

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



12713992



16515082



27586



6379352



10551303



2162689

Previews

White Background



This preview shows how the Decimal color 12713992 looks on a white background.

Color Contrast Check

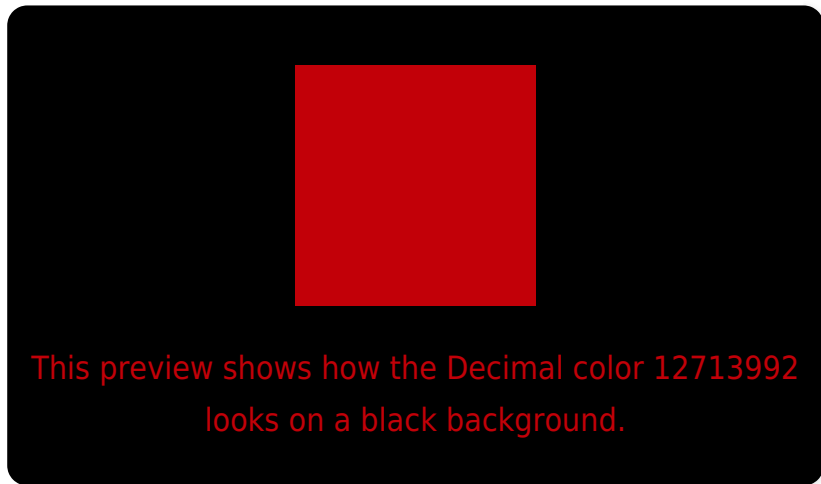
Large Text (above 18pt) WCAG AA ✓ Pass

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 12713992 Background



This preview shows how black text looks on a background with the Decimal color 12713992.



This preview shows how white text looks on a background with the Decimal color 12713992.

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

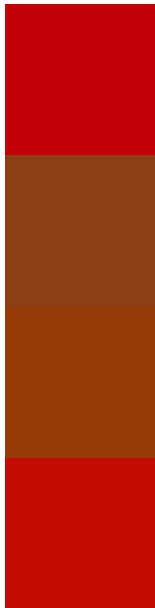


Original Color
12713992

Protanopia
7234075

Deuteranopia
8084736

Trichromacy



Original Color
12713992

Protanomaly
9256468

Deuteranomaly
9779971

Tritanomaly
12651267

Monochromacy



Original Color
12713992

Achromatopsia
3881787

Achromatomaly
7087656

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12713992 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 #C20008 looks like.

```
.text, #text, p{  
    color:#C20008  
}
```

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 #C20008 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C20008
}
```

Border

The CSS property to change the border of an element to Decimal 12713992 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".

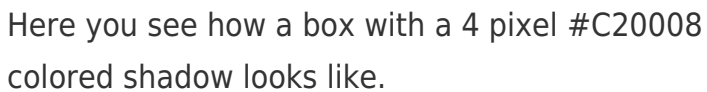
```
.border, #border, table{ border:4px solid
#C20008 }
```

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

```
.border{ border-color:#C20008 }
```

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

Here you see how a box with a 4 pixel #C20008 colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #C20008 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C20008; -webkit-box-shadow:4px 4px  
4px 4px #C20008; box-shadow:4px 4px 4px  
4px #C20008 }
```

Background

The CSS property to change the background color of an element to Decimal 12713992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C20008 }
```

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

```
.background{ background-color:#C20008 }
```

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