

Converting Colors

Decimal(12784173)

Have a look what the booklet for
Decimal(12784173) contains.

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Color

Decimal(12784173)

Conversions

Conversions Part 1

Format	Color
Hex	C3122D
RGB	195, 18, 45
RGB Percent	76%, 7%, 18%
CMY	0.2353, 0.9294, 0.8235
CMYK	0.00, 0.91, 0.77, 0.24
HSL	351°, 83%, 42%
HSV	351°, 91%, 76%
XYZ	23.1956, 12.2242, 3.6196
YIQ	74.0010, 96.8250, 45.9210

Conversions

Conversions Part 2

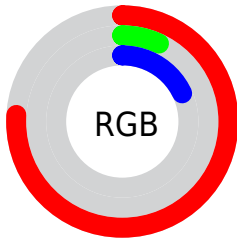
Format	Color
R_{YB}	195, 18, 45
Decimal	12784173
CIE Lab	41.57, 64.31, 34.95
CIE LCh	42, 73.195, 28.523
Yxy	12.2242, 0.5942, 0.3131
Android (android.graphics.Color)	4290974253 (0xFFC3122D)
YUV	74.0010, -14.2975, 106.1161
Hunter-Lab	34.9631, 57.2372, 18.3361

Details

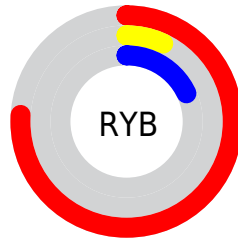
The Decimal color **12784173** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **1229736**, and the grayscale version is **4868682**.

A 20% lighter version of the original color is **16734555**, and **8650752** is the 20% darker color. If you saturate the color by 10%, you get **12779550**, and if you desaturate by 10%, it is **12789054**.

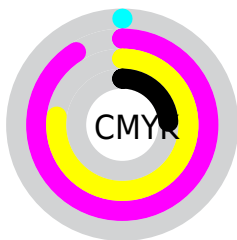
Distribution



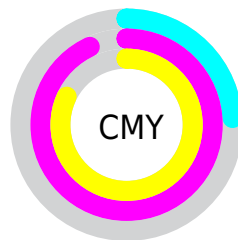
- Red (76%)
- Green (7%)
- Blue (18%)



- Red (76%)
- Yellow (7%)
- Blue (18%)



- Cyan (0%)
- Magenta (91%)
- Yellow (77%)
- Black (24%)



- Cyan (24%)
- Magenta (93%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12784173 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 12784173 by changing the saturation by 10% instead.

 12784173

 12784173

16777215

 10682392

 16734555

 8650752

 16742004

 6619136

 16749453

 4718595

 16756648

 2686977

 16764355

 0

 16771807

16777212

 12784173

 12784173

■ 12779550

■ 12789054

■ 12794190

■ 12799071

■ 12804207

■ 12809088

■ 12814224

■ 12819361

■ 12824241

■ 12829122

Harmonies

Analogous

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



12910696



12784173



10961664

Triad

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



12784173



30490



27612

Complementary

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



12784173



1229736

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.



30665



12784173



31325

Square

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



12784173



4091648



31643



5067726

Rectangle

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



12784173



9131776



31643



29146

Sweetspot

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



12784173



16562371



10883779



8410973



0



8421504

Same Dimension

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



12784173



16515111



12799250



6379353



10551321



2162693

Inverse Universe

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



12784173



16515111



1214659



6379353



10551321



2162693

Previews

White Background



This preview shows how the Decimal color 12784173 looks on a white background.

Color Contrast Check

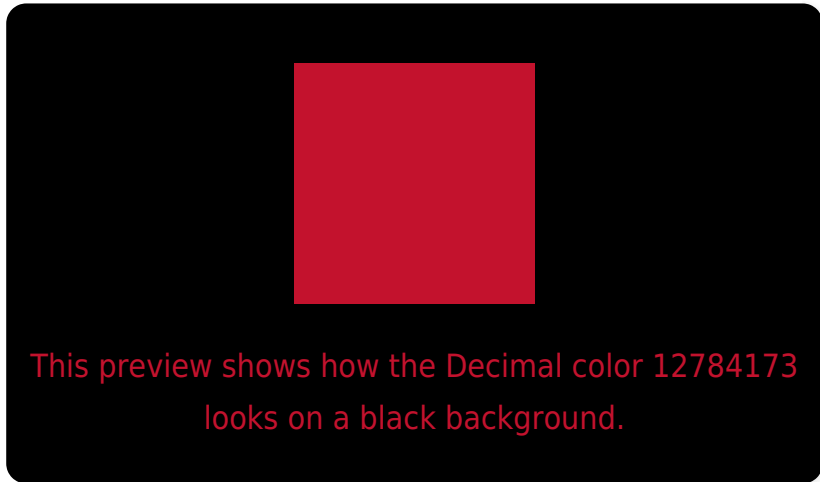
Large Text (above 18pt) WCAG AA ✓ Pass

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 12784173 Background



This preview shows how black text looks on a background with the Decimal color 12784173.

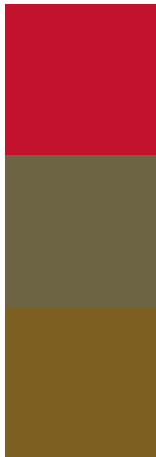


This preview shows how white text looks on a background with the Decimal color 12784173.

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
12784173

Protanopia
7103555

Deuteranopia
8216353

Trichromacy



Original Color
12784173

Protanomaly
9193019

Deuteranomaly
9847589

Tritanomaly
12785181

Monochromacy



Original Color
12784173

Achromatopsia
4868682

Achromatomaly
7747135

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12784173 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 #C3122D looks like.

```
.text, #text, p{  
  color:#C3122D  
}
```

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 #C3122D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3122D
}
```

Border

The CSS property to change the border of an element to Decimal 12784173 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
#C3122D }
```

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

```
.border{ border-color:#C3122D }
```

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

Here you see how a box with a 4 pixel #C3122D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3122D; -webkit-box-shadow:4px 4px  
4px 4px #C3122D; box-shadow:4px 4px 4px  
4px #C3122D }
```

Background

The CSS property to change the background color of an element to Decimal 12784173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3122D }
```

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

```
.background{ background-color:#C3122D }
```

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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