

Converting Colors

Decimal(12785951)

Have a look what the booklet for
Decimal(12785951) contains.

Decimal(12785951)	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(12785951)

Conversions

Conversions Part 1

Format	Color
Hex	C3191F
RGB	195, 25, 31
RGB Percent	76%, 10%, 12%
CMY	0.2353, 0.9020, 0.8784
CMYK	0.00, 0.87, 0.84, 0.24
HSL	358°, 77%, 43%
HSV	358°, 87%, 76%
XYZ	23.1006, 12.3963, 2.4715
YIQ	76.5140, 99.3940, 37.9060

Conversions

Conversions Part 2

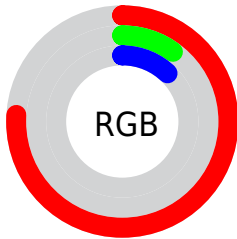
Format	Color
R_{YB}	195, 25, 31
Decimal	12785951
CIE Lab	41.84, 62.72, 43.09
CIE LCh	42, 76.102, 34.491
Yxy	12.3963, 0.6084, 0.3265
Android (android.graphics.Color)	4290976031 (0xFFC3191F)
YUV	76.5140, -22.4384, 103.9122
Hunter-Lab	35.2084, 55.5013, 20.4839

Details

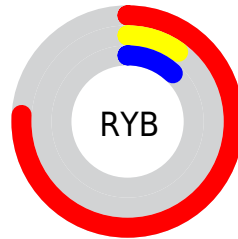
The Decimal color **12785951** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **1688509**, and the grayscale version is **5066061**.

A 20% lighter version of the original color is **16735053**, and **8650752** is the 20% darker color. If you saturate the color by 10%, you get **12781068**, and if you desaturate by 10%, it is **12790834**.

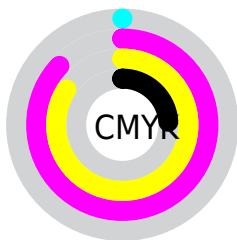
Distribution



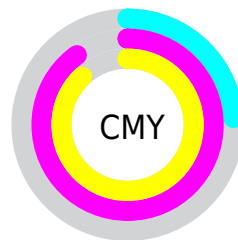
- Red (76%)
- Green (10%)
- Blue (12%)



- Red (76%)
- Yellow (10%)
- Blue (12%)



- Cyan (0%)
- Magenta (87%)
- Yellow (84%)
- Black (24%)



- Cyan (24%)
- Magenta (90%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12785951 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 12785951 by changing the saturation by 10% instead.

 12785951

 12785951

16777215

 10682377

 16735053

 8650752

 16742501

 6619136

 16749951

 4718594

 16757145

 2686977

 16764596

 0

 16772303

 16777196

 12785951

 12785951

■ 12781068

■ 12790834

■ 12779527

■ 12795973

■ 12800855

■ 12805994

■ 12810877

■ 12816016

■ 12820899

■ 12826037

■ 12830920

Harmonies

Analogous

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



13369436



12785951



10635520

Triad

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



12785951



31015



27106

Complementary

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



12785951



1688509

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.



30677



12785951



31851

Square

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



12785951



2716160



31913



6769868

Rectangle

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



12785951



8608768



31913



28642

Sweetspot

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



12785951



16563133



12196291



8411225



0



8421504

Same Dimension

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



12785951



16515081



12805401



6379352



10551302



2162689

Inverse Universe

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



12785951



16515081



1669059



6379352



10551302



2162689

Previews

White Background



This preview shows how the Decimal color 12785951 looks on a white background.

Color Contrast Check

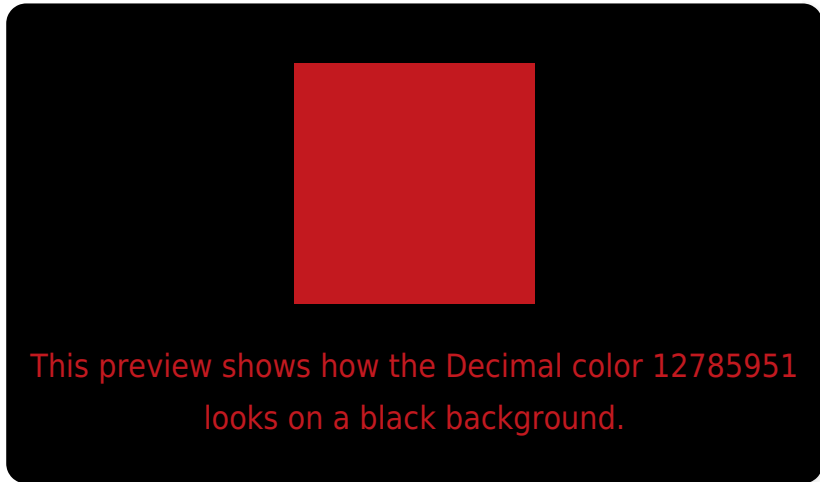
Large Text (above 18pt) WCAG AA ✓ Pass

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 12785951 Background



This preview shows how black text looks on a background with the Decimal color 12785951.



This preview shows how white text looks on a background with the Decimal color 12785951.

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
12785951

Protanopia
7300145

Deuteranopia
8347397

Trichromacy



Original Color
12785951

Protanomaly
9324842

Deuteranomaly
9979406

Tritanomaly
12786202

Monochromacy



Original Color
12785951

Achromatopsia
5066061

Achromatomaly
7879228

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12785951 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 #C3191F looks like.

```
.text, #text, p{  
    color:#C3191F  
}
```

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 #C3191F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3191F
}
```

Border

The CSS property to change the border of an element to Decimal 12785951 is called "border". The border property can be set on classes, ids or directly on the HTML element.

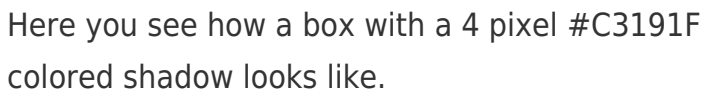
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C3191F }
```

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

```
.border{ border-color:#C3191F }
```

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



Here you see how a box with a 4 pixel #C3191F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3191F; -webkit-box-shadow:4px 4px  
4px 4px #C3191F; box-shadow:4px 4px 4px  
4px #C3191F }
```

Background

The CSS property to change the background color of an element to Decimal 12785951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3191F }
```

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

```
.background{ background-color:#C3191F }
```

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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