

Converting Colors

Decimal(11799841)

Have a look what the booklet for
Decimal(11799841) contains.

Decimal(11799841)	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(11799841)

Conversions

Conversions Part 1

Format	Color
Hex	B40D21
RGB	180, 13, 33
RGB Percent	71%, 5%, 13%
CMY	0.2941, 0.9490, 0.8706
CMYK	0.00, 0.93, 0.82, 0.29
HSL	353°, 87%, 38%
HSV	353°, 93%, 71%
XYZ	19.2408, 10.1010, 2.3744
YIQ	65.2130, 93.1120, 41.6240

Conversions

Conversions Part 2

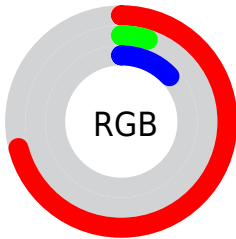
Format	Color
RYB	180, 13, 33
Decimal	11799841
CIELab	38.02, 60.73, 37.27
CIElCh	38, 71.249, 31.537
Yxy	10.1010, 0.6067, 0.3185
Android (android.graphics.Color)	4289989921 (0xFFB40D21)
YUV	65.2130, -15.8810, 100.6682
Hunter-Lab	31.7820, 52.4455, 17.8179

Details

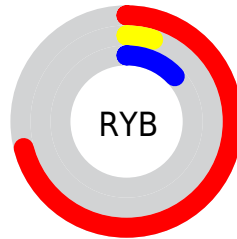
The Decimal color **11799841** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **898208**, and the grayscale version is **4276545**.

A 20% lighter version of the original color is **15946830**, and **7733248** is the 20% darker color. If you saturate the color by 10%, you get **11796502**, and if you desaturate by 10%, it is **11804465**.

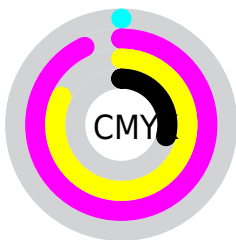
Distribution



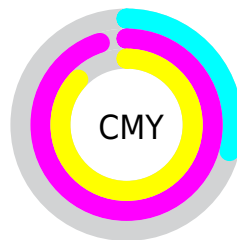
- Red (71%)
- Green (5%)
- Blue (13%)



- Red (71%)
- Yellow (5%)
- Blue (13%)



- Cyan (0%)
- Magenta (93%)
- Yellow (82%)
- Black (29%)




- Cyan (29%)
- Magenta (95%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 11799841 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 11799841 by changing the saturation by 10% instead.

 11799841	 11799841
16777215	 9764876
 15946830	 7733248
 16740454	 5701632
 16747904	 3866626
 16755098	 1310720
 16762549	 0
 16770000	
 16777197	
 11799841	 11799841

■ 11796502

■ 11804465

■ 11809089

■ 11813713

■ 11818336

■ 11822960

■ 11827584

■ 11832208

■ 11836832

■ 11841456

Harmonies

Analogous

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



12124249



11799841



9977600

Triad

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



11799841



27932



25039

Complementary

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



11799841



898208

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.



28096



11799841



28763

Square

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



11799841



3041024



29077



5327037

Rectangle

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



11799841



8081664



29077



26318

Sweetspot

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



11799841



15444401



10358196



7687506



16119285



7697781

Same Dimension

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



11799841



15400988



11815437



5853265



10027026



1703939

Inverse Universe

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



11799841



15400988



882612



5853265



10027026



1703939

Previews

White Background



This preview shows how the Decimal color 11799841 looks on a white background.

Color Contrast Check

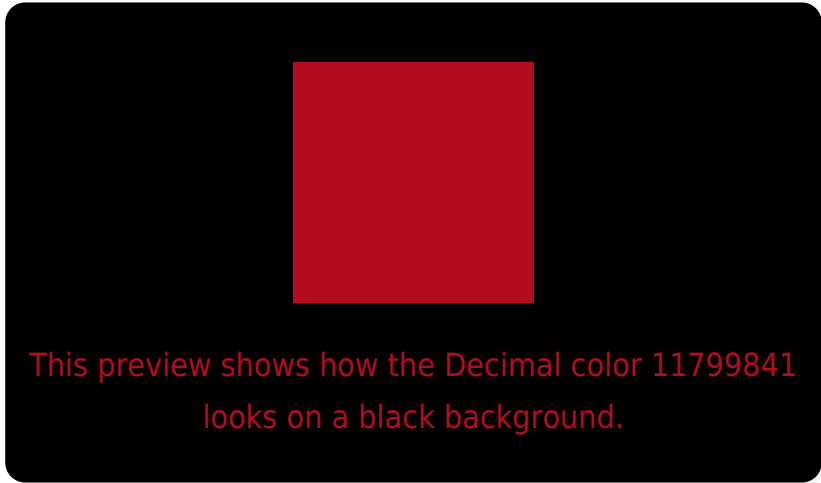
Large Text (above 18pt) WCAG AA ✓ Pass

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 11799841 Background



This preview shows how black text looks on a background with the Decimal color 11799841.



This preview shows how white text looks on a background with the Decimal color 11799841.

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
11799841

Protanopia
6642739

Deuteranopia
7558930

Trichromacy



Original Color
11799841

Protanomaly
8535852

Deuteranomaly
9124887

Tritanomaly
11800595

Monochromacy



Original Color
11799841

Achromatopsia
4276545

Achromatomaly
7024181

CSS Examples

Text

The CSS property to change the color of the text to Decimal 11799841 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 #B40D21 looks like.

```
.text, #text, p{  
    color:#B40D21  
}
```

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 #B40D21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B40D21
}
```

Border

The CSS property to change the border of an element to Decimal 11799841 is called "border". The border property can be set on classes, ids or directly on the HTML element.

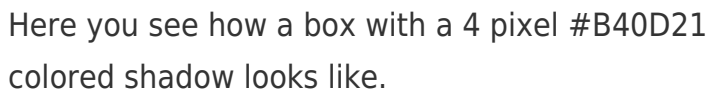
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B40D21 }
```

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

```
.border{ border-color:#B40D21 }
```

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



Here you see how a box with a 4 pixel #B40D21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B40D21; -webkit-box-shadow:4px 4px  
4px 4px #B40D21; box-shadow:4px 4px 4px  
4px #B40D21 }
```

Background

The CSS property to change the background color of an element to Decimal 11799841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B40D21 }
```

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

```
.background{ background-color:#B40D21 }
```

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