

Converting Colors

Decimal(12327450)

Have a look what the booklet for
Decimal(12327450) contains.

Decimal(12327450)	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(12327450)

Conversions

Conversions Part 1

Format	Color
Hex	BC1A1A
RGB	188, 26, 26
RGB Percent	74%, 10%, 10%
CMY	0.2627, 0.8980, 0.8980
CMYK	0.00, 0.86, 0.86, 0.26
HSL	0°, 76%, 42%
HSV	0°, 86%, 74%
XYZ	21.2949, 11.5047, 2.0756
YIQ	74.4380, 96.5520, 34.3440

Conversions

Conversions Part 2

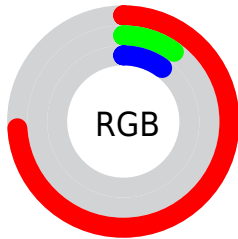
Format	Color
RYB	188, 26, 26
Decimal	12327450
CIELab	40.42, 60.50, 43.85
CIElCh	40, 74.717, 35.932
Yxy	11.5047, 0.6106, 0.3299
Android (android.graphics.Color)	4290517530 (0xFFBC1A1A)
YUV	74.4380, -23.8799, 99.5939
Hunter-Lab	33.9186, 52.7087, 20.1150

Details

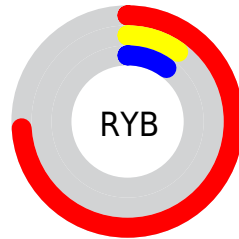
The Decimal color **12327450** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **1752252**, and the grayscale version is **4934475**.

A 20% lighter version of the original color is **16538440**, and **8192000** is the 20% darker color. If you saturate the color by 10%, you get **12322567**, and if you desaturate by 10%, it is **12332333**.

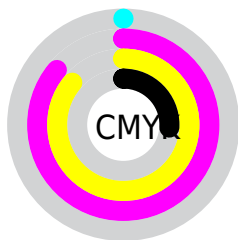
Distribution



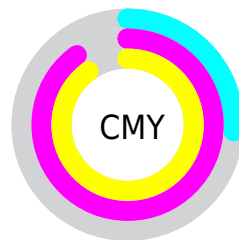
- Red (74%)
- Green (10%)
- Blue (10%)



- Red (74%)
- Yellow (10%)
- Blue (10%)



- Cyan (0%)
- Magenta (86%)
- Yellow (86%)
- Black (26%)



- Cyan (26%)
- Magenta (90%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12327450 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 12327450 by changing the saturation by 10% instead.

 12327450	 12327450
 16777215	 10223619
 16538440	 8192000
 16742240	 6160384
 16749433	 4325379
 16756883	 2162689
 16764334	 0
 16771786	
 16777190	
 12327450	 12327450

■ 12322567

■ 12332333

■ 12320768

■ 12337216

■ 12341842

■ 12346725

■ 12351608

■ 12356491

■ 12361374

■ 12366000

■ 12370883

Harmonies

Analogous

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



12976214



12327450



10176512

Triad

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



12327450



29992



25819

Complementary

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



12327450



1752252

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.



29648



12327450



30826

Square

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



12327450



2191104



30886



6834116

Rectangle

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



12327450



8149504



30886



27355

Sweetspot

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



12327450



16102837



12327612



8016980



16448250



8026746

Same Dimension

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



12327450



16056320



12348186



6182229



10354688



2031616

Inverse Universe

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



1752252



62965



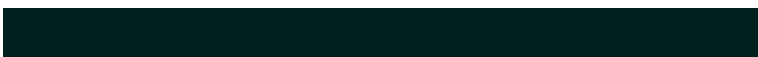
1731516



5594718



40606



7967

Previews

White Background



This preview shows how the Decimal color 12327450 looks on a white background.

Color Contrast Check

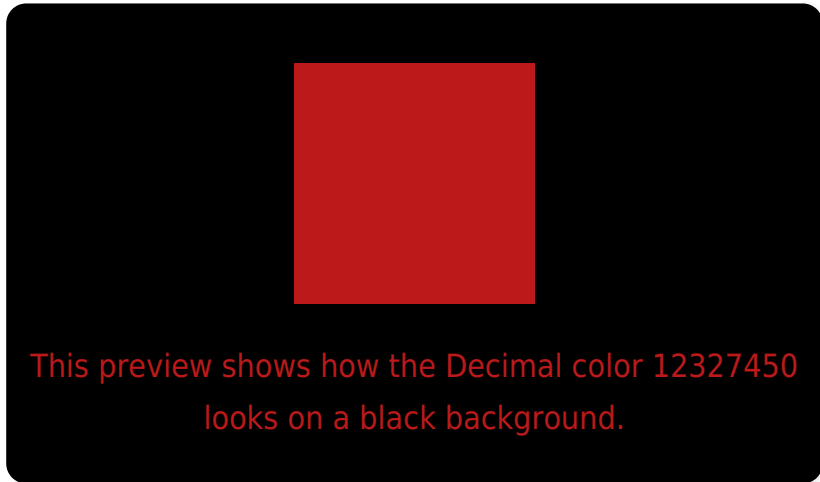
Large Text (above 18pt) WCAG AA ✓ Pass

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 12327450 Background



This preview shows how black text looks on a background with the Decimal color 12327450.



This preview shows how white text looks on a background with the Decimal color 12327450.

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

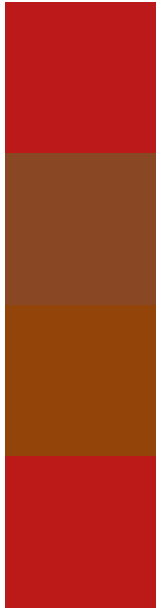


Original Color
12327450

Protanopia
7102762

Deuteranopia
8018944

Trichromacy



Original Color
12327450

Protanomaly
8996644

Deuteranomaly
9585673

Tritanomaly
12327448

Monochromacy



Original Color
12327450

Achromatopsia
4868682

Achromatomaly
7551289

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12327450 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 #BC1A1A looks like.

```
.text, #text, p{  
  color:#BC1A1A  
}
```

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 #BC1A1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC1A1A
}
```

Border

The CSS property to change the border of an element to Decimal 12327450 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".

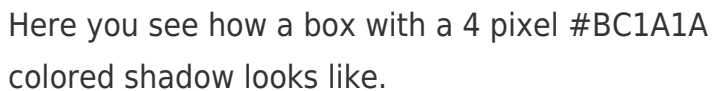
```
.border, #border, table{ border:4px solid
#BC1A1A }
```

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

```
.border{ border-color:#BC1A1A }
```

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

Here you see how a box with a 4 pixel #BC1A1A 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 #BC1A1A colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC1A1A; -webkit-box-shadow:4px 4px  
4px 4px #BC1A1A; box-shadow:4px 4px 4px  
4px #BC1A1A }
```

Background

The CSS property to change the background color of an element to Decimal 12327450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC1A1A }
```

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

```
.background{ background-color:#BC1A1A }
```

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