

Converting Colors

Decimal(12400953)

Have a look what the booklet for
Decimal(12400953) contains.

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Color

Decimal(12400953)

Conversions

Conversions Part 1

Format	Color
Hex	BD3939
RGB	189, 57, 57
RGB Percent	74%, 22%, 22%
CMY	0.2588, 0.7765, 0.7765
CMYK	0.00, 0.70, 0.70, 0.26
HSL	0°, 54%, 48%
HSV	0°, 70%, 74%
XYZ	23.1879, 14.0405, 5.3588
YIQ	96.4680, 78.6720, 27.9840

Conversions

Conversions Part 2

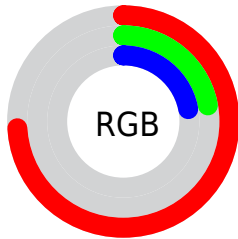
Format	Color
RYB	189, 57, 57
Decimal	12400953
CIELab	44.29, 52.55, 30.66
CIElCh	44, 60.838, 30.258
Yxy	14.0405, 0.5445, 0.3297
Android (android.graphics.Color)	4290591033 (0xFFBD3939)
YUV	96.4680, -19.4577, 81.1506
Hunter-Lab	37.4706, 44.8874, 17.7501

Details

The Decimal color **12400953** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **3784125**, and the grayscale version is **6381921**.

A 20% lighter version of the original color is **16478312**, and **8388623** is the 20% darker color. If you saturate the color by 10%, you get **12396070**, and if you desaturate by 10%, it is **12405836**.

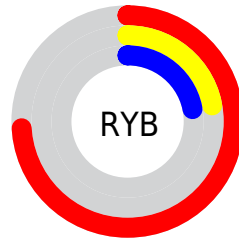
Distribution



Red (74%)

Green (22%)

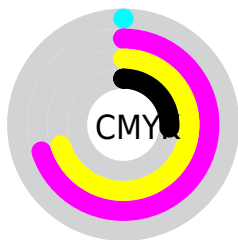
Blue (22%)



Red (74%)

Yellow (22%)

Blue (22%)

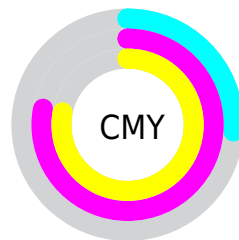


Cyan (0%)

Magenta (70%)

Yellow (70%)

Black (26%)



Cyan (26%)

Magenta (78%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12400953 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 12400953 by changing the saturation by 10% instead.

 12400953  12400953

16777215  10361123

 16478312  8388623

 16747650  6488064


 16754588  4521985

 16762039  2686977

 16769490  0

 16776943

 12400953  12400953

 12396070  12405836

 12391187

 12410719

 12386304

 12415602

 12420485

 12425368

 12429994

 12434877

 12439760

 12444643

Harmonies

Analogous

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



12529003



12400953



10834435

Triad

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



12400953



31795



28623

Complementary

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



12400953



3784125

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.



31425



12400953



32616

Square

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



12400953



5010432



32667



6577089

Rectangle

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



12400953



9265408



32667



29901

Sweetspot

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



12400953



16105921



12401085



8019036



16448250



8026746

Same Dimension

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



12400953



16066343



12417849



6182229



10354688



2031616

Inverse Universe

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



3784125



2618869



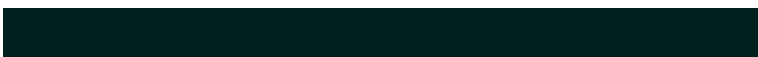
3767229



5594718



40606



7967

Previews

White Background



This preview shows how the Decimal color 12400953 looks on a white background.

Color Contrast Check

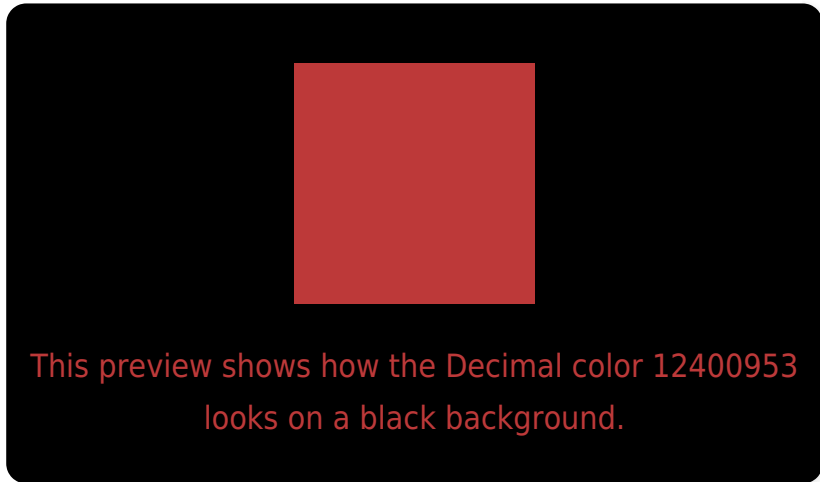
Large Text (above 18pt) WCAG AA ✓ Pass

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 12400953 Background



This preview shows how black text looks on a background with the Decimal color 12400953.



This preview shows how white text looks on a background with the Decimal color 12400953.

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



Trichromacy



Original Color
12400953

Protanomaly
9263172

Deuteranomaly
9917492

Tritanomaly
12400954

Monochromacy



Original Color
12400953

Achromatopsia
6316128

Achromatomaly
8540754

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12400953 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 #BD3939 looks like.

```
.text, #text, p{  
  color:#BD3939  
}
```

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 #BD3939 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD3939
}
```

Border

The CSS property to change the border of an element to Decimal 12400953 is called "border". The border property can be set on classes, ids or directly on the HTML element.

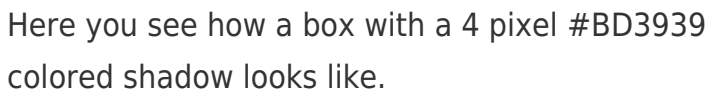
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BD3939 }
```

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

```
.border{ border-color:#BD3939 }
```

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



Here you see how a box with a 4 pixel `#BD3939` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD3939; -webkit-box-shadow:4px 4px  
4px 4px #BD3939; box-shadow:4px 4px 4px  
4px #BD3939 }
```

Background

The CSS property to change the background color of an element to Decimal 12400953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD3939 }
```

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

```
.background{ background-color:#BD3939 }
```

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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