

Converting Colors

Decimal(12396849)

Have a look what the booklet for
Decimal(12396849) contains.

Decimal(12396849)	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(12396849)

Conversions

Conversions Part 1

Format	Color
Hex	BD2931
RGB	189, 41, 49
RGB Percent	74%, 16%, 19%
CMY	0.2588, 0.8392, 0.8078
CMYK	0.00, 0.78, 0.74, 0.26
HSL	357°, 64%, 45%
HSV	357°, 78%, 74%
XYZ	22.3336, 12.6264, 4.1658
YIQ	86.1640, 85.6400, 33.8640

Conversions

Conversions Part 2

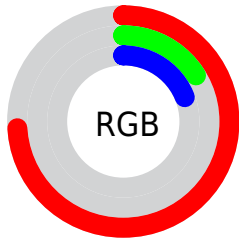
Format	Color
RYB	189, 41, 49
Decimal	12396849
CIELab	42.19, 57.70, 32.94
CIELCh	42, 66.441, 29.725
Yxy	12.6264, 0.5708, 0.3227
Android (android.graphics.Color)	4290586929 (0xFFBD2931)
YUV	86.1640, -18.3219, 90.1872
Hunter-Lab	35.5337, 50.0065, 17.9228

Details

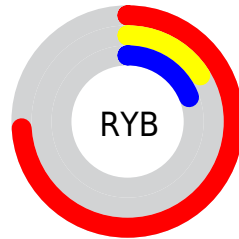
The Decimal color **12396849** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **2735541**, and the grayscale version is **5658198**.

A 20% lighter version of the original color is **16540767**, and **8388612** is the 20% darker color. If you saturate the color by 10%, you get **12391967**, and if you desaturate by 10%, it is **12401731**.

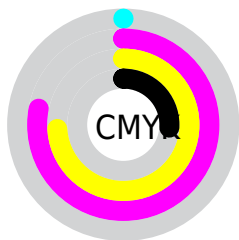
Distribution



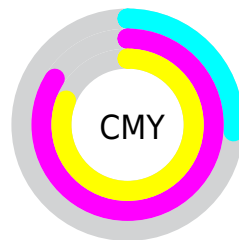
- Red (74%)
- Green (16%)
- Blue (19%)



- Red (74%)
- Yellow (16%)
- Blue (19%)



- Cyan (0%)
- Magenta (78%)
- Yellow (74%)
- Black (26%)



- Cyan (26%)
- Magenta (84%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12396849 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 12396849 by changing the saturation by 10% instead.

 12396849  12396849

16777215  10354716

 16540767  8388612

 16744568  6356992

 16751762  4456450

 16758957  2490369

 16766408  0

 16774116

 12396849  12396849

 12391967  12401731

 12387085

 12406613

 12386314

 12411495

 12416377

 12421002

 12425884

 12430766

 12435648

 12440530

Harmonies

Analogous

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



12522855



12396849



10701312

Triad

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



12396849



30503



27603

Complementary

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



12396849



2735541

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.



30659



12396849



31329

Square

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



12396849



4419584



31641



5920196

Rectangle

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



12396849



9001728



31641



28881

Sweetspot

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



12396849



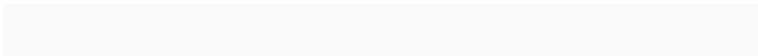
16104640



11741629



8018010



16448250



8026746

Same Dimension

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



12396849



16060187



12413225



6182229



10354697



2031618

Inverse Universe

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



12396849



16060187



2719165



6182229



10354697



2031618

Previews

White Background



This preview shows how the Decimal color 12396849 looks on a white background.

Color Contrast Check

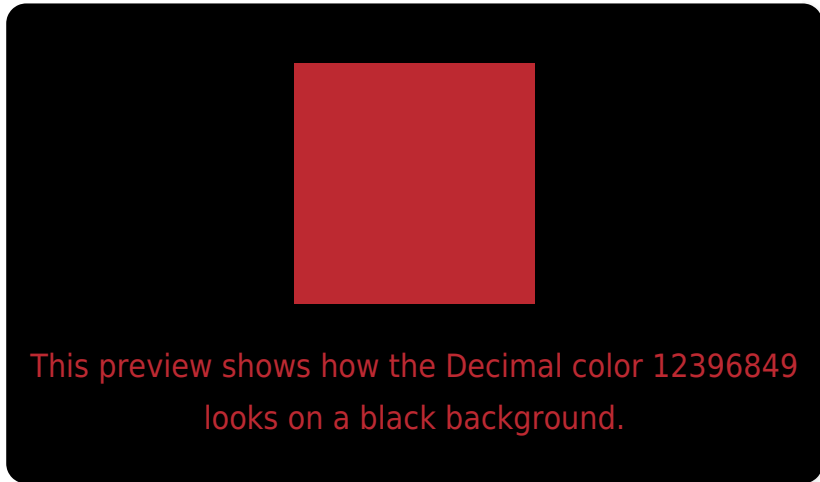
Large Text (above 18pt) WCAG AA ✓ Pass

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 12396849 Background



This preview shows how black text looks on a background with the Decimal color 12396849.



This preview shows how white text looks on a background with the Decimal color 12396849.

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
12396849

Protanomaly
9064253

Deuteranomaly
9718827

Tritanomaly
12397101

Monochromacy



Original Color
12396849

Achromatopsia
5658198

Achromatomaly
8078921

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12396849 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 #BD2931 looks like.

```
.text, #text, p{  
    color:#BD2931  
}
```

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 #BD2931 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD2931
}
```

Border

The CSS property to change the border of an element to Decimal 12396849 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
#BD2931 }
```

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

```
.border{ border-color:#BD2931 }
```

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

Here you see how a box with a 4 pixel #BD2931 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD2931; -webkit-box-shadow:4px 4px  
4px 4px #BD2931; box-shadow:4px 4px 4px  
4px #BD2931 }
```

Background

The CSS property to change the background color of an element to Decimal 12396849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD2931 }
```

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

```
.background{ background-color:#BD2931 }
```

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