

# Converting Colors

Decimal(12072759)

Have a look what the booklet for  
Decimal(12072759) contains.

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# Color

**Decimal(12072759)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B83737</a>
RGB	<a href="#">184, 55, 55</a>
RGB Percent	<a href="#">72%, 22%, 22%</a>
CMY	<a href="#">0.2784, 0.7843, 0.7843</a>
CMYK	<a href="#">0.00, 0.70, 0.70, 0.28</a>
HSL	<a href="#">0°, 54%, 47%</a>
HSV	<a href="#">0°, 70%, 72%</a>
XYZ	<a href="#">21.8229, 13.1986, 5.0118</a>
YIQ	<a href="#">93.5710, 76.8840, 27.3480</a>

# Conversions

## Conversions Part 2

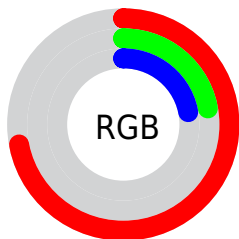
Format	Color
<a href="#">RYB</a>	<a href="#">184, 55, 55</a>
Decimal	<a href="#">12072759</a>
CIELab	<a href="#">43.06, 51.60, 30.15</a>
CIElCh	<a href="#">43, 59.761, 30.302</a>
Yxy	<a href="#">13.1986, 0.5451, 0.3297</a>
Android (android.graphics.Color)	<a href="#">4290262839</a> <a href="#">(0xFFB83737)</a>
YUV	<a href="#">93.5710, -19.0155, 79.3062</a>
Hunter-Lab	<a href="#">36.3298, 43.6459, 17.2516</a>

# Details

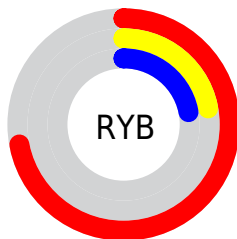
The Decimal color **12072759** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **3651768**, and the grayscale version is **6184542**.

A 20% lighter version of the original color is **16150118**, and **8126476** is the 20% darker color. If you saturate the color by 10%, you get **12068133**, and if you desaturate by 10%, it is **12077385**.

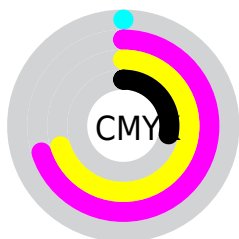
# Distribution



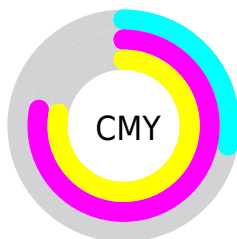
- Red (72%)
- Green (22%)
- Blue (22%)



- Red (72%)
- Yellow (22%)
- Blue (22%)



- Cyan (0%)
- Magenta (70%)
- Yellow (70%)
- Black (28%)



- Cyan (28%)
- Magenta (78%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12072759 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 12072759 by changing the saturation by 10% instead.




 12072759  12072759

16777215  10098465

 16150118  8126476

 16746879  6160384

 16754073  4325377

 16761268  2293761

 16768720  0

 16776172

 12072759  12072759

 12068133  12077385

 12063250

 12082268

 12058624

 12086894

 12091777

 12096403

 12101029

 12105912

 12110538

 12115421

# Harmonies

## Analogous

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



12201063



12072759



10571778

# Triad

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



12072759



30769



27849

# Complementary

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



12072759



3651768

# 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.



30652



12072759



31589

# Square

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



12072759



4813056



31639



6379708

# Rectangle

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



12072759



9002496



31639



28872



# Sweetspot

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



12072759



15777213



12072888



7887450



16250871



7895160



# Same Dimension

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



12072759



15738406



12089399



6050643



10223616



1835008



# Inverse Universe

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



3651768



2552048



3635384



5463132



40092



7196



# Previews

## White Background



This preview shows how the Decimal color 12072759 looks on a white background.

## Color Contrast Check

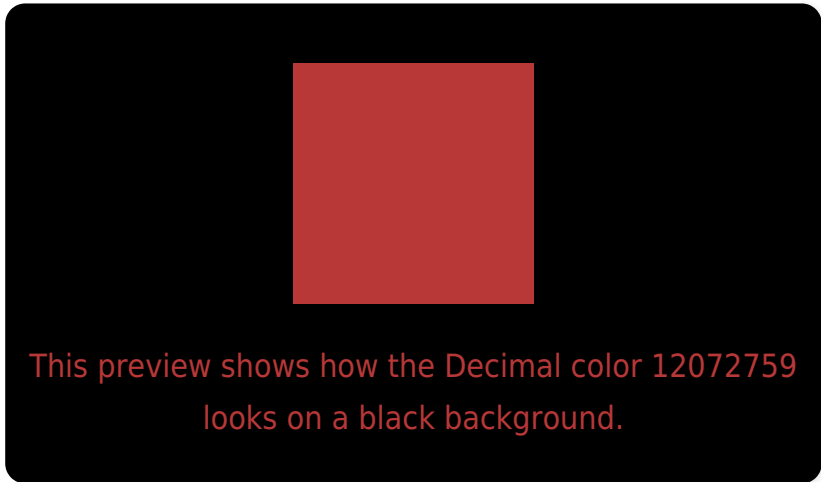
Large Text (above 18pt) WCAG AA ✓ Pass

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 12072759 Background



This preview shows how black text looks on a background with the Decimal color 12072759.



This preview shows how white text looks on a background with the Decimal color 12072759.

# 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**  
12072759

**Protanopia**  
7300680

**Deuteranopia**  
8348208



# Trichromacy



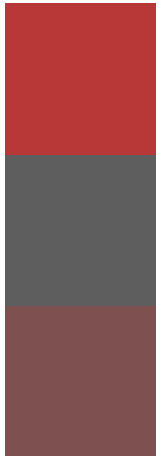
**Original Color**  
12072759

**Protanomaly**  
9065794

**Deuteranomaly**  
9720371

**Tritanomaly**  
12072760

# Monochromacy



**Original Color**  
12072759

**Achromatopsia**  
6184542

**Achromatomaly**  
8343632

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12072759 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 #B83737 looks like.

```
.text, #text, p{  
  color:#B83737  
}
```

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 #B83737 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B83737
}
```

## Border

The CSS property to change the border of an element to Decimal 12072759 is called "border". The border property can be set on classes, ids or directly on the HTML element.

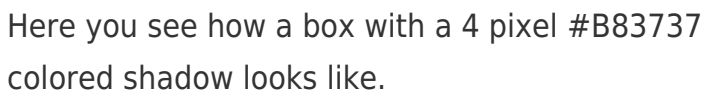
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B83737 }
```

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

```
.border{ border-color:#B83737 }
```

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



Here you see how a box with a 4 pixel #B83737 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B83737; -webkit-box-shadow:4px 4px  
4px 4px #B83737; box-shadow:4px 4px 4px  
4px #B83737 }
```

# Background

The CSS property to change the background color of an element to Decimal 12072759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B83737 }
```

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

```
.background{ background-color:#B83737 }
```

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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