

# Converting Colors

Decimal(12075076)

Have a look what the booklet for  
Decimal(12075076) contains.

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# Color

**Decimal(12075076)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B84044
RGB	184, 64, 68
RGB Percent	72%, 25%, 27%
CMY	0.2784, 0.7490, 0.7333
CMYK	0.00, 0.65, 0.63, 0.28
HSL	358°, 48%, 49%
HSV	358°, 65%, 72%
XYZ	22.6439, 14.2745, 7.0306
YIQ	100.3360, 70.2360, 26.6840

# Conversions

## Conversions Part 2

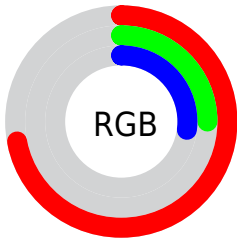
Format	Color
<a href="#">RYB</a>	<a href="#">184, 64, 68</a>
Decimal	<a href="#">12075076</a>
CIELab	<a href="#">44.62, 48.65, 24.29</a>
CIELCh	<a href="#">45, 54.376, 26.529</a>
Yxy	<a href="#">14.2745, 0.5152, 0.3248</a>
Android (android.graphics.Color)	<a href="#">4290265156</a> (0xFFB84044)
YUV	<a href="#">100.3360, -15.9416, 73.3733</a>
Hunter-Lab	<a href="#">37.7816, 40.8640, 15.4141</a>

# Details

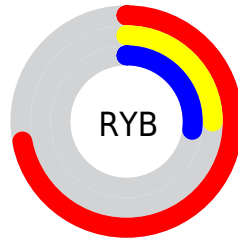
The Decimal color **12075076** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **4241588**, and the grayscale version is **6579300**.

A 20% lighter version of the original color is **16086644**, and **8192025** is the 20% darker color. If you saturate the color by 10%, you get **12070450**, and if you desaturate by 10%, it is **12079702**.

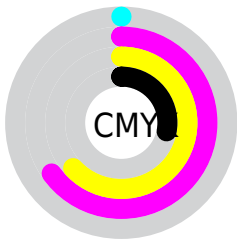
# Distribution



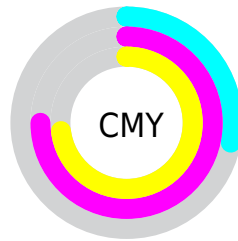
- Red (72%)
- Green (25%)
- Blue (27%)



- Red (72%)
- Yellow (25%)
- Blue (27%)



- Cyan (0%)
- Magenta (65%)
- Yellow (63%)
- Black (28%)



- Cyan (28%)
- Magenta (75%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12075076 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 12075076 by changing the saturation by 10% instead.



 12075076       12075076

16777215       10101806

 16086644       8192025

 16748942       6291456

 16756136       4390912

 16763331       2555905

 16770783       0

16777212

 12075076       12075076

 12070450       12079702

 12065568

 12084584

 12060943

 12089209


 12058630


 12094091

 12098717

 12103343

 12108225

 12112850

 12117732

# Harmonies

## Analogous

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



11942769



12075076



10834715

# Triad

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



12075076



162356



29124

# Complementary

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



12075076



4241588

# 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.



31413



12075076



32355

# Square

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



12075076



5796613



32401



6185147

# Rectangle

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



12075076



9461760



32401



30146



# Sweetspot

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



12075076



15777985



11813048



7887708



16250871



7895160



# Same Dimension

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



12075076



15742267



12089408



6050643



10223621



1835009



# Inverse Universe

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



12075076



15742267



4227256



6050643



10223621



1835009



# Previews

## White Background



This preview shows how the Decimal color 12075076 looks on a white background.

## Color Contrast Check

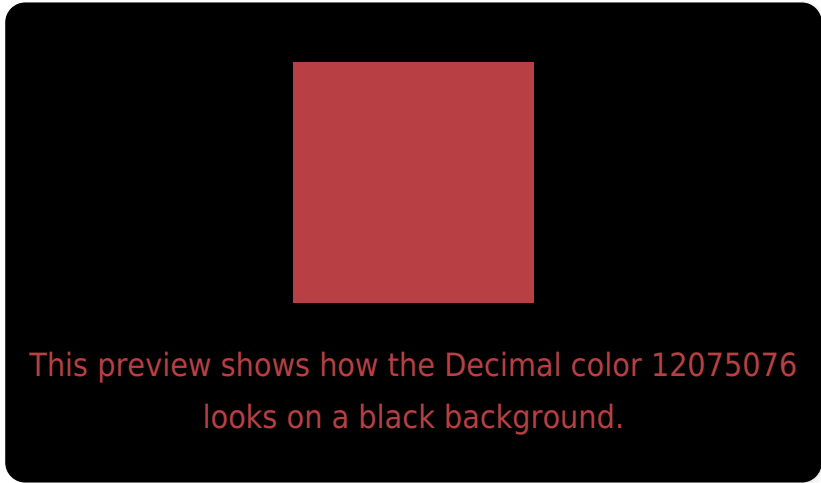
Large Text (above 18pt) WCAG AA ✓ Pass

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 12075076 Background



This preview shows how black text looks on a background with the Decimal color 12075076.

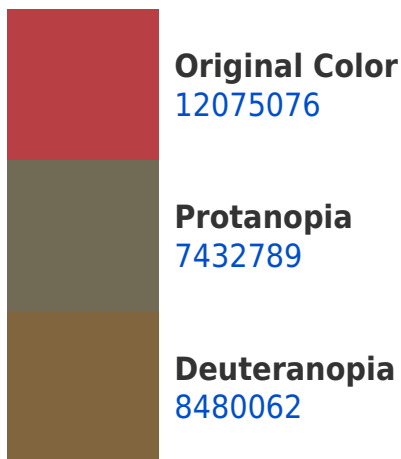


This preview shows how white text looks on a background with the Decimal color 12075076.

# 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



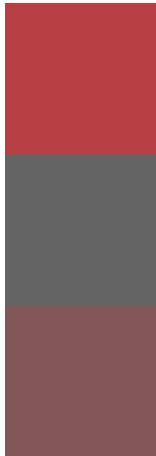
**Original Color**  
12075076

**Protanomaly**  
9132879

**Deuteranomaly**  
9787456

**Tritanomaly**  
12075076

# Monochromacy



**Original Color**  
12075076

**Achromatopsia**  
6579300

**Achromatomaly**  
8607576

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12075076 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 #B84044 looks like.

```
.text, #text, p{  
  color:#B84044  
}
```

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 #B84044 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B84044
}
```

## Border

The CSS property to change the border of an element to Decimal 12075076 is called "border". The border property can be set on classes, ids or directly on the HTML element.

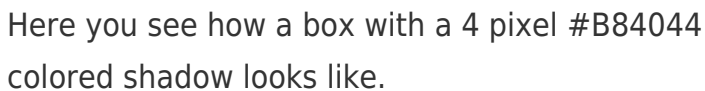
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B84044 }
```

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

```
.border{ border-color:#B84044 }
```

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



Here you see how a box with a 4 pixel #B84044 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B84044; -webkit-box-shadow:4px 4px  
4px 4px #B84044; box-shadow:4px 4px 4px  
4px #B84044 }
```

# Background

The CSS property to change the background color of an element to Decimal 12075076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B84044 }
```

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

```
.background{ background-color:#B84044 }
```

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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