

# Converting Colors

Decimal(12005442)

Have a look what the booklet for  
Decimal(12005442) contains.

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# Color

**Decimal(12005442)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B73042
RGB	183, 48, 66
RGB Percent	72%, 19%, 26%
CMY	0.2824, 0.8118, 0.7412
CMYK	0.00, 0.74, 0.64, 0.28
HSL	352°, 58%, 45%
HSV	352°, 74%, 72%
XYZ	21.5688, 12.5745, 6.4446
YIQ	90.4170, 74.6820, 34.2180

# Conversions

## Conversions Part 2

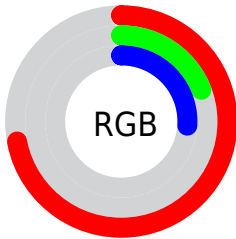
Format	Color
R <sub>Y</sub> B	183, 48, 66
Decimal	12005442
CIE Lab	42.12, 54.48, 22.26
CIE LCh	42, 58.851, 22.221
Yxy	12.5745, 0.5314, 0.3098
Android (android.graphics.Color)	4290195522 (0xFFB73042)
YUV	90.4170, -12.0376, 81.1953
Hunter-Lab	35.4606, 46.5159, 14.0471

# Details

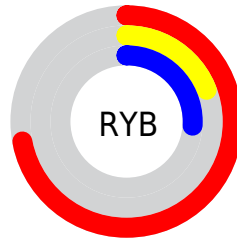
The Decimal color **12005442** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **3192741**, and the grayscale version is **5921370**.

A 20% lighter version of the original color is **16083058**, and **8060952** is the 20% darker color. If you saturate the color by 10%, you get **12000818**, and if you desaturate by 10%, it is **12010066**.

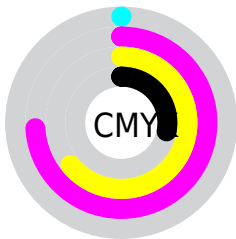
# Distribution



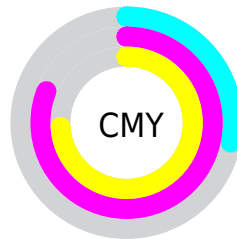
- Red (72%)
- Green (19%)
- Blue (26%)



- Red (72%)
- Yellow (19%)
- Blue (26%)



- Cyan (0%)
- Magenta (74%)
- Yellow (64%)
- Black (28%)



- Cyan (28%)
- Magenta (81%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12005442 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 12005442 by changing the saturation by 10% instead.



 12005442  12005442

16777215  10029356

 16083058  8060952

 16745611  6160384

 16752805  4325378

 16760001  2228225

 16767452  0

 16775161

 12005442  12005442

 12000818  12010066

■ 11995938

■ 12014946

■ 11993112

■ 12019570

■ 12024193

■ 12029073

■ 12033697

■ 12038321

■ 12042945

■ 12047825

# Harmonies

## Analogous

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



11677042



12005442



10831635

# Triad

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



12005442



29730



28100

# Complementary

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



12005442



3192741

# 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.



30384



12005442



30805

# Square

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



12005442



5663744



31111



4414654

# Rectangle

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



12005442



9459200



31111



29120



# Sweetspot

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



12005442



15579584



10825911



7887197



16250871



7895160



# Same Dimension

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



12005442



15538742



12018224



6050644



10223637



1835012



# Inverse Universe

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



12005442



15538742



3180215



6050644



10223637



1835012



# Previews

## White Background



This preview shows how the Decimal color 12005442 looks on a white background.

## Color Contrast Check

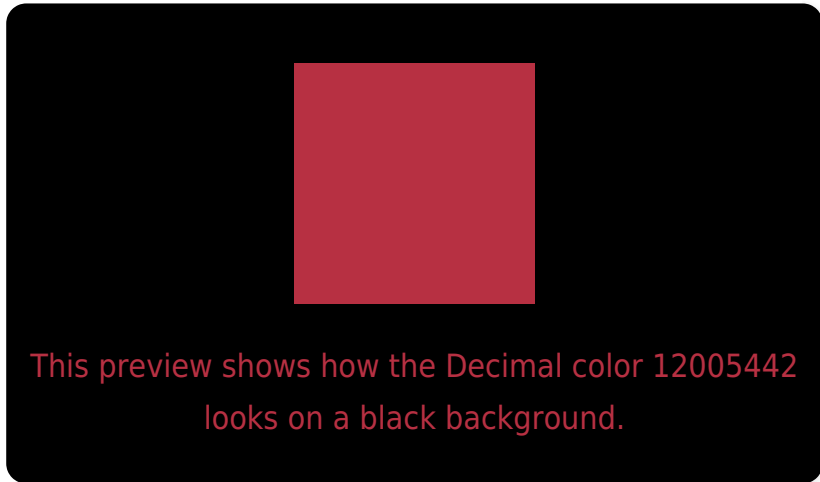
Large Text (above 18pt) WCAG AA ✓ Pass

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 12005442 Background



This preview shows how black text looks on a background with the Decimal color 12005442.

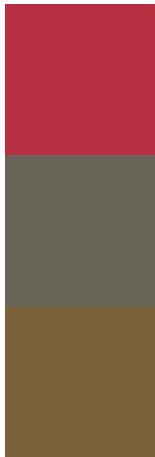


This preview shows how white text looks on a background with the Decimal color 12005442.

# 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**  
12005442

**Protanopia**  
6906968

**Deuteranopia**  
8020027



# Trichromacy



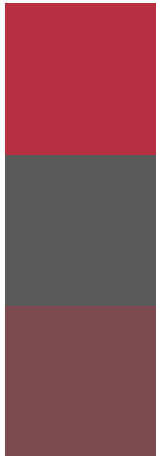
**Original Color**  
12005442

**Protanomaly**  
8737104

**Deuteranomaly**  
9457470

**Tritanomaly**  
11940410

# Monochromacy



**Original Color**  
12005442

**Achromatopsia**  
5921370

**Achromatomaly**  
8145745

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12005442 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 #B73042 looks like.

```
.text, #text, p{  
  color:#B73042  
}
```

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 #B73042 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B73042
}
```

## Border

The CSS property to change the border of an element to Decimal 12005442 is called "border". The border property can be set on classes, ids or directly on the HTML element.

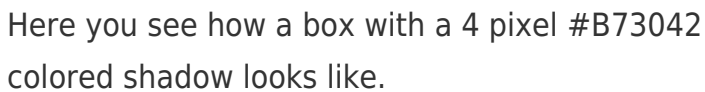
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B73042 }
```

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

```
.border{ border-color:#B73042 }
```

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



Here you see how a box with a 4 pixel #B73042 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B73042; -webkit-box-shadow:4px 4px  
4px 4px #B73042; box-shadow:4px 4px 4px  
4px #B73042 }
```

# Background

The CSS property to change the background color of an element to Decimal 12005442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B73042 }
```

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

```
.background{ background-color:#B73042 }
```

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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