

# Converting Colors

Decimal(12532591)

Have a look what the booklet for  
Decimal(12532591) contains.

<b>Decimal(12532591)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(12532591)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BF3B6F
RGB	191, 59, 111
RGB Percent	75%, 23%, 44%
CMY	0.2510, 0.7686, 0.5647
CMYK	0.00, 0.69, 0.42, 0.25
HSL	336°, 53%, 49%
HSV	336°, 69%, 75%
XYZ	25.9191, 15.3520, 16.6361
YIQ	104.3960, 61.9800, 44.1560

# Conversions

## Conversions Part 2

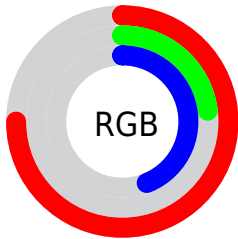
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	191, 59, 111
Decimal	12532591
CIE Lab	46.11, 56.51, 0.17
CIE LCh	46, 56.511, 0.173
Yxy	15.3520, 0.4476, 0.2651
Android (android.graphics.Color)	4290722671 (0xFFBF3B6F)
YUV	104.3960, 3.2558, 75.9517
Hunter-Lab	39.1816, 49.5119, 2.2533

# Details

The Decimal color **12532591** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **3915659**, and the grayscale version is **6842472**.

A 20% lighter version of the original color is **16479138**, and **8716352** is the 20% darker color. If you saturate the color by 10%, you get **12527715**, and if you desaturate by 10%, it is **12537467**.

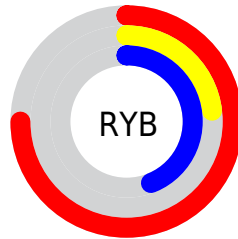
# Distribution



Red (75%)

Green (23%)

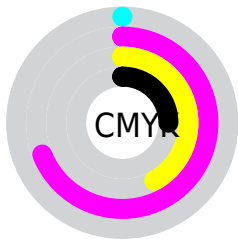
Blue (44%)



Red (75%)

Yellow (23%)

Blue (44%)

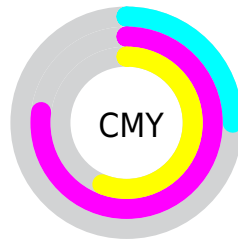


Cyan (0%)

Magenta (69%)

Yellow (42%)

Black (25%)



Cyan (25%)

Magenta (77%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12532591 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 12532591 by changing the saturation by 10% instead.



12532591

12532591

16777215

10623575

16479138

8716352

16748477

6815786

16755673

4980758

16763126

3276802

16770559

0

12532591

12532591

12527715

12537467

12522840

12542342

 12517964

 12547218

 12517451

 12552093

 12557225

 12562100

 12566976

 12571852

 12576727

# Harmonies

## Analogous

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



10898077



12532591



12469313

# Triad

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



12532591



5535754



32447

# Complementary

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



12532591



3915659

# 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.



33436



12532591



32571

# Square

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



12532591



8612608



33644



29644

# Rectangle

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



12532591



11620644



33644



32949



# Sweetspot

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



12532591



16237528



9059263



8216170



16579836



8224125



# Same Dimension

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



12532591



16198267



12535867



6182233



10354750



2031628



# Inverse Universe

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



12532591



16198267



3912383



6182233



10354750



2031628



# Previews

## White Background



This preview shows how the Decimal color 12532591 looks on a white background.

## Color Contrast Check

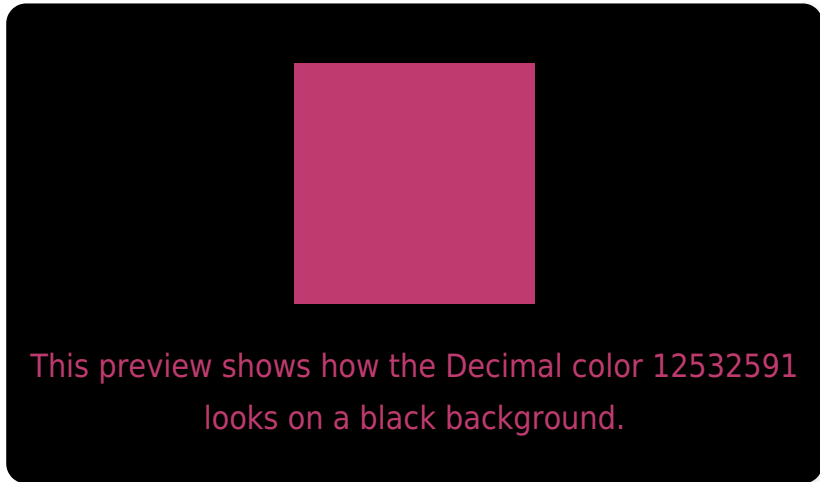
Large Text (above 18pt) WCAG AA ✓ Pass

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 12532591 Background



This preview shows how black text looks on a background with the Decimal color 12532591.



This preview shows how white text looks on a background with the Decimal color 12532591.

# 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



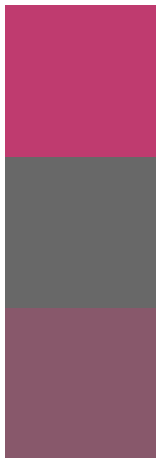
**Original Color**  
12532591

**Protanomaly**  
8805250

**Deuteranomaly**  
9722219

**Tritanomaly**  
12403030

# Monochromacy



**Original Color**  
12532591

**Achromatopsia**  
6842472

**Achromatomaly**  
8935531

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12532591 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 #BF3B6F looks like.

```
.text, #text, p{  
    color:#BF3B6F  
}
```

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 #BF3B6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF3B6F
}
```

## Border

The CSS property to change the border of an element to Decimal 12532591 is called "border". The border property can be set on classes, ids or directly on the HTML element.

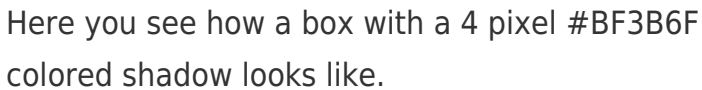
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BF3B6F }
```

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

```
.border{ border-color:#BF3B6F }
```

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



Here you see how a box with a 4 pixel #BF3B6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF3B6F; -webkit-box-shadow:4px 4px  
4px 4px #BF3B6F; box-shadow:4px 4px 4px  
4px #BF3B6F }
```

# Background

The CSS property to change the background color of an element to Decimal 12532591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF3B6F }
```

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

```
.background{ background-color:#BF3B6F }
```

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**