

# Converting Colors

Decimal(12542100)

Have a look what the booklet for  
Decimal(12542100) contains.

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# Color

**Decimal(12542100)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BF6094
RGB	191, 96, 148
RGB Percent	75%, 38%, 58%
CMY	0.2510, 0.6235, 0.4196
CMYK	0.00, 0.50, 0.23, 0.25
HSL	327°, 43%, 56%
HSV	327°, 50%, 75%
XYZ	31.0140, 21.5802, 30.5478
YIQ	130.3330, 39.9280, 36.3120

# Conversions

## Conversions Part 2

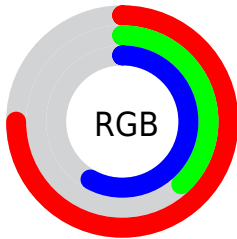
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	191, 96, 148
Decimal	12542100
CIE <sub>Lab</sub>	53.58, 44.32, -10.97
CIE <sub>LCh</sub>	54, 45.654, 346.102
Yxy	21.5802, 0.3730, 0.2596
Android (android.graphics.Color)	4290732180 (0xFFBF6094)
YUV	130.3330, 8.7098, 53.2050
Hunter-Lab	46.4545, 37.8750, -6.4700

# Details

The Decimal color **12542100** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **6340491**, and the grayscale version is **8553090**.

A 20% lighter version of the original color is **16356810**, and **8858721** is the 20% darker color. If you saturate the color by 10%, you get **12537227**, and if you desaturate by 10%, it is **12546973**.

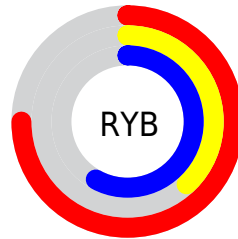
# Distribution



Red (75%)

Green (38%)

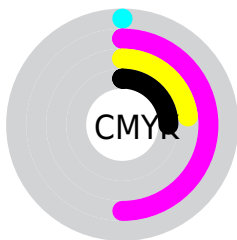
Blue (58%)



Red (75%)

Yellow (38%)

Blue (58%)

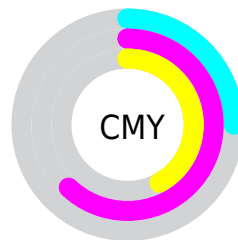


Cyan (0%)

Magenta (50%)

Yellow (23%)

Black (25%)



Cyan (25%)

Magenta (62%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12542100 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 12542100 by changing the saturation by 10% instead.



 12542100

 12542100

16777215

 10700410

 16356810

 8858721

 16757222

 7081290

 16764415

 5374003

 16771839

 3735582

 1966081

 0

 12542100

 12542100

 12537227

 12546973

 12532355

 12551845

 12527482

 12556718

 12522609

 12561591

 12517737

 12566463

 12517481

 12571592

 12576465

 12581337

 12582882

# Harmonies

## Analogous

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



10382775



12542100



13196908

# Triad

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



12542100



8553776



37304

# Complementary

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



12542100



6340491

# 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.



38037



12542100



5606983

# Square

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



12542100



10909489



37484



35276

# Rectangle

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



12542100



12870740



37484



37549



# Sweetspot

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



12542100



16241383



9134271



8218227



16579836



8224125



# Same Dimension

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



12542100



16212916



12542053



6182234



10354775



2031633



# Inverse Universe

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



12542100



16212916



6340538



6182234



10354775

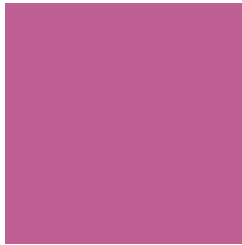


2031633



# Previews

## White Background



This preview shows how the Decimal color 12542100 looks on a white background.

## Color Contrast Check

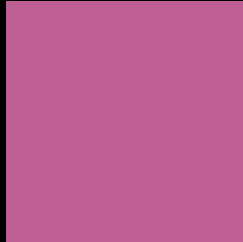
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 12542100 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

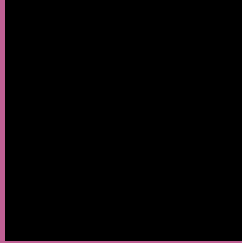
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12542100 Background



This preview shows how black text looks on a background with the Decimal color 12542100.




This preview shows how white text looks on a background with the Decimal color 12542100.

# 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





**Tritanopia**  
12281967

# Trichromacy



**Original Color**  
12542100



**Protanomaly**  
9467041



**Deuteranomaly**  
10187409

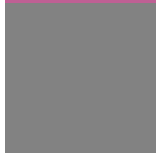


**Tritanomaly**  
12346748

# Monochromacy



**Original Color**  
12542100



**Achromatopsia**  
8553090



**Achromatomaly**  
9991817

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12542100 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 #BF6094 looks like.

```
.text, #text, p{  
    color:#BF6094  
}
```

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 #BF6094 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF6094
}
```

## Border

The CSS property to change the border of an element to Decimal 12542100 is called "border". The border property can be set on classes, ids or directly on the HTML element.

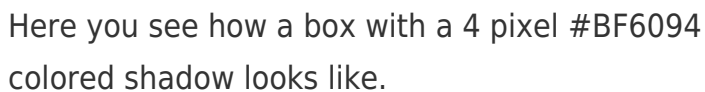
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BF6094 }
```

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

```
.border{ border-color:#BF6094 }
```

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



Here you see how a box with a 4 pixel `#BF6094` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF6094; -webkit-box-shadow:4px 4px  
4px 4px #BF6094; box-shadow:4px 4px 4px  
4px #BF6094 }
```

# Background

The CSS property to change the background color of an element to Decimal 12542100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF6094 }
```

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

```
.background{ background-color:#BF6094 }
```

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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