

# Converting Colors

Decimal(12463092)

Have a look what the booklet for  
Decimal(12463092) contains.

<b>Decimal(12463092)</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(12463092)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BE2BF4
RGB	190, 43, 244
RGB Percent	75%, 17%, 96%
CMY	0.2549, 0.8314, 0.0431
CMYK	0.22, 0.82, 0.00, 0.04
HSL	284°, 90%, 56%
HSV	284°, 82%, 96%
XYZ	38.4282, 19.2066, 87.2698
YIQ	109.8670, 23.0910, 93.6750

# Conversions

## Conversions Part 2

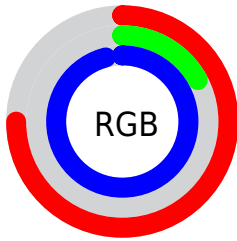
Format	Color
R <sub>YB</sub>	190, 43, 244
Decimal	12463092
CIE Lab	50.93, 81.24, -70.39
CIE LCh	51, 107.489, 319.094
Yxy	19.2066, 0.2652, 0.1325
Android (android.graphics.Color)	4290653172 (0xFFBE2BF4)
YUV	109.8670, 66.1276, 70.2766
Hunter-Lab	43.8253, 79.8235, -87.3872

# Details

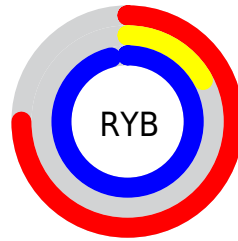
The Decimal color **12463092** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed purple. A complement of this color would be **6419499**, and the grayscale version is **7171437**.

A 20% lighter version of the original color is **16477695**, and **8519867** is the 20% darker color. If you saturate the color by 10%, you get **11998196**, and if you desaturate by 10%, it is **12927988**.

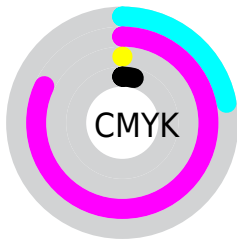
# Distribution



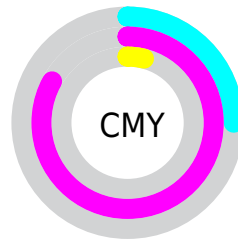
- Red (75%)
- Green (17%)
- Blue (96%)



- Red (75%)
- Yellow (17%)
- Blue (96%)



- Cyan (22%)
- Magenta (82%)
- Yellow (0%)
- Black (4%)



















- Cyan (25%)
- Magenta (83%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12463092 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 12463092 by changing the saturation by 10% instead.



 12463092	 12463092
16777215	 10485975
 16477695	 8519867
 16747263	 6619295
 16754687	 4587652
 16762367	 2687082
 16770047	 80
	 1336
	 546
	 7

■ 12463092

■ 12463092

■ 11998196

■ 12927988

■ 11665652

■ 13327604

■ 13792500

■ 14192116

■ 14657012

■ 15056372

■ 15521524

■ 15920884

■ 16383988

# Harmonies

## Analogous

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



29439



12463092



16711839

# Triad

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



12463092



11495936



40116

# Complementary

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



12463092



6419499

# 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.



39251



12463092



5998336

# Square

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



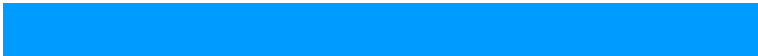
12463092



15476480



37888



39935

# Rectangle

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



12463092



16711779



37888



39828



# Sweetspot

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



12463092



15646719



2843892



7690624



0



8421504



# Same Dimension

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



12463092



12256255



16001992



7827066



8913082



2818107



# Inverse Universe

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



16001889



16712518



2880599



8023665



12189746



3866640



# Previews

## White Background



This preview shows how the Decimal color 12463092 looks on a white background.

## Color Contrast Check

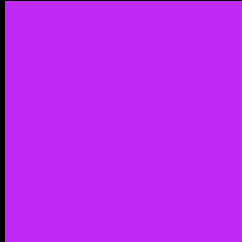
Large Text (above 18pt) WCAG AA ✓ Pass

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 12463092 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 12463092 Background



This preview shows how black text looks on a background with the Decimal color 12463092.

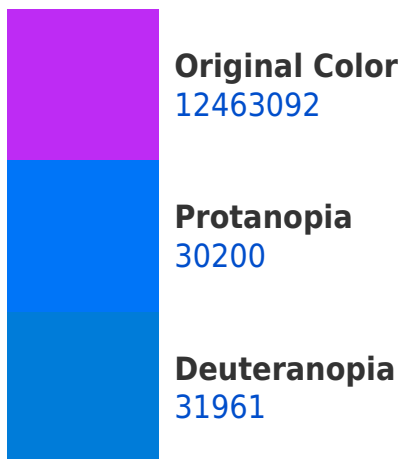



This preview shows how white text looks on a background with the Decimal color 12463092.

# 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**  
11167341

# Trichromacy



**Original Color**  
12463092



**Protanomaly**  
4545271



**Deuteranomaly**  
4546531



**Tritanomaly**  
11620766

# Monochromacy



**Original Color**  
12463092



**Achromatopsia**  
7237230



**Achromatomaly**  
9131679

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12463092 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 #BE2BF4 looks like.

```
.text, #text, p{  
    color:#BE2BF4  
}
```

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 #BE2BF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE2BF4
}
```

## Border

The CSS property to change the border of an element to Decimal 12463092 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
#BE2BF4 }
```

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

```
.border{ border-color:#BE2BF4 }
```

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

Here you see how a box with a 4 pixel #BE2BF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE2BF4; -webkit-box-shadow:4px 4px  
4px 4px #BE2BF4; box-shadow:4px 4px 4px  
4px #BE2BF4 }
```

# Background

The CSS property to change the background color of an element to Decimal 12463092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE2BF4 }
```

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

```
.background{ background-color:#BE2BF4 }
```

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