

# Converting Colors

Decimal(12018655)

Have a look what the booklet for  
Decimal(12018655) contains.

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# **Color**

**Decimal(12018655)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B763DF
RGB	183, 99, 223
RGB Percent	72%, 39%, 87%
CMY	0.2824, 0.6118, 0.1255
CMYK	0.18, 0.56, 0.00, 0.13
HSL	281°, 66%, 63%
HSV	281°, 56%, 87%
XYZ	37.3096, 24.3187, 72.5396
YIQ	138.2520, 10.2600, 56.3720

# Conversions

## Conversions Part 2

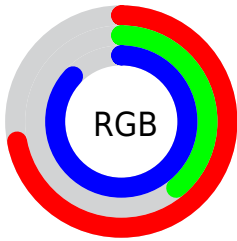
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	183, 99, 223
Decimal	12018655
CIE <sub>Lab</sub>	56.41, 54.01, -49.84
CIE <sub>LCh</sub>	56, 73.489, 317.297
Yxy	24.3187, 0.2781, 0.1813
Android (android.graphics.Color)	4290208735 (0xFFB763DF)
YUV	138.2520, 41.7808, 39.2440
Hunter-Lab	49.3140, 48.7486, -52.6943

# Details

The Decimal color **12018655** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **9166691**, and the grayscale version is **9079434**.

A 20% lighter version of the original color is **15833599**, and **8335015** is the 20% darker color. If you saturate the color by 10%, you get **11554271**, and if you desaturate by 10%, it is **12483039**.

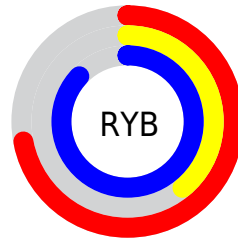
# Distribution



Red (72%)

Green (39%)

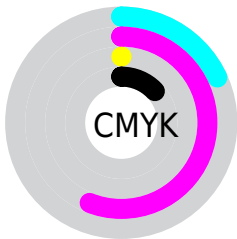
Blue (87%)



Red (72%)

Yellow (39%)

Blue (87%)

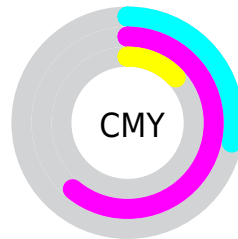


Cyan (18%)

Magenta (56%)

Yellow (0%)

Black (13%)



Cyan (28%)

Magenta (61%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12018655 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 12018655 by changing the saturation by 10% instead.



 12018655

 12018655

16777215

 10176963

 15833599

 8335015

 16758271

 6491788

 16765439

 4718706

 16772863

 2949209

 1179713

 809

 276

 0

■ 12018655

■ 12018655

■ 11554271

■ 12483039

■ 11089631

■ 12947679

■ 10559711

■ 13477599

■ 10095327

■ 13941983

■ 9896159

■ 14406623

■ 14871007

■ 15335391

■ 15859679

■ 16318431

# Harmonies

## Analogous

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



3769087



12018655



15418277

# Triad

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



12018655



12155648



42156

# Complementary

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



12018655



9166691

# 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.



41577



12018655



8425472

# Square

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



12018655



14900520



2661413



41445

# Rectangle

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



12018655



16202874



2661413



42134



# Sweetspot

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



12018655



15848703



6524127



7825024



0



8421504



# Same Dimension

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



12018655



13128959



14640074



7169392



7798960



2162736



# Inverse Universe

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



14640011



16733323



6545272



7365993



11534393



3145744



# Previews

## White Background



This preview shows how the Decimal color 12018655 looks on a white background.

## Color Contrast Check

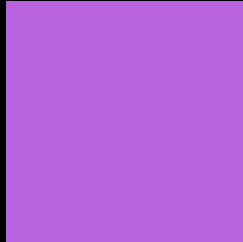
Large Text (above 18pt) WCAG AA ✓ Pass

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 12018655 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

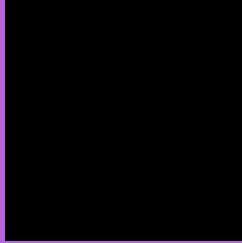
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 12018655 Background



This preview shows how black text looks on a background with the Decimal color 12018655.



This preview shows how white text looks on a background with the Decimal color 12018655.

# 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**  
11107204

# Trichromacy



**Original Color**  
12018655



**Protanomaly**  
7305203



**Deuteranomaly**  
8158171



**Tritanomaly**  
11432613

# Monochromacy



**Original Color**  
12018655



**Achromatopsia**  
9079434



**Achromatomaly**  
10124457

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12018655 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 #B763DF looks like.

```
.text, #text, p{  
    color:#B763DF  
}
```

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 #B763DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B763DF
}
```

## Border

The CSS property to change the border of an element to Decimal 12018655 is called "border". The border property can be set on classes, ids or directly on the HTML element.

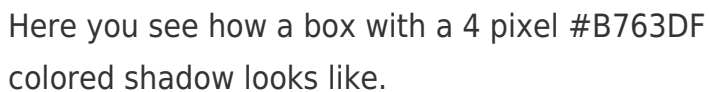
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B763DF }
```

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

```
.border{ border-color:#B763DF }
```

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



Here you see how a box with a 4 pixel #B763DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B763DF; -webkit-box-shadow:4px 4px  
4px 4px #B763DF; box-shadow:4px 4px 4px  
4px #B763DF }
```

# Background

The CSS property to change the background color of an element to Decimal 12018655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B763DF }
```

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

```
.background{ background-color:#B763DF }
```

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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