

# Converting Colors

Decimal(10828463)

Have a look what the booklet for  
Decimal(10828463) contains.

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**Color**

**Decimal(10828463)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A53AAF
RGB	165, 58, 175
RGB Percent	65%, 23%, 69%
CMY	0.3529, 0.7725, 0.3137
CMYK	0.06, 0.67, 0.00, 0.31
HSL	295°, 50%, 46%
HSV	295°, 67%, 69%
XYZ	24.7680, 14.1206, 41.9776
YIQ	103.3310, 26.2150, 59.0710

# Conversions

## Conversions Part 2

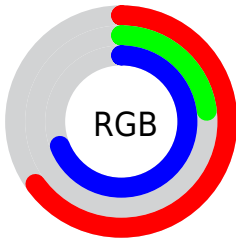
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	165, 58, 175
Decimal	10828463
CIE <sub>Lab</sub>	44.41, 59.00, -41.42
CIE <sub>LCh</sub>	44, 72.082, 324.932
Yxy	14.1206, 0.3063, 0.1746
Android (android.graphics.Color)	4289018543 (0xFFA53AAF)
YUV	103.3310, 35.3328, 54.0837
Hunter-Lab	37.5774, 51.8924, -39.9285

# Details

The Decimal color **10828463** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **4501306**, and the grayscale version is **6776679**.

A 20% lighter version of the original color is **14643687**, and **7143546** is the 20% darker color. If you saturate the color by 10%, you get **10758575**, and if you desaturate by 10%, it is **10898351**.

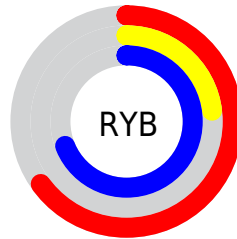
# Distribution



Red (65%)

Green (23%)

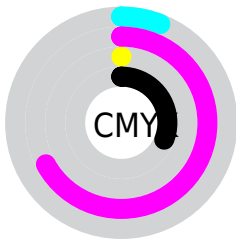
Blue (69%)



Red (65%)

Yellow (23%)

Blue (69%)

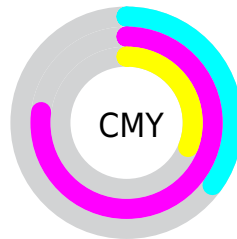


Cyan (6%)

Magenta (67%)

Yellow (0%)

Black (31%)



Cyan (35%)

Magenta (77%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10828463 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 10828463 by changing the saturation by 10% instead.



 10828463

 10828463

16777215

 8985236

 14643687

 7143546

 16551423

 5374048

 16755199

 3670088

 16762367

 2031665

 16769791

 283

 0

 10828463

 10828463

 10758575

 10898351

10622895

11034031

10552751

11104175

10485935

11239599

11309743

11445167

11515055

11650735

11720623

# Harmonies

## Analogous

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



4480727



10828463



13305974

# Triad

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



10828463



9003776



33434

# Complementary

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



10828463



4501306

# 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.



33117



10828463



5207040

# Square

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



10828463



11814656



32026



32715

# Rectangle

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



10828463



13569102



32026



33414



# Sweetspot

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



10828463



14661347



3819183



7362419



15921906



7566195



# Same Dimension

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



10828463



13839843



11483776



5656151



9044118



1376279



# Inverse Universe

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



11483716



14888253



3845993



5721679



9830413



1507330



# Previews

## White Background



This preview shows how the Decimal color 10828463 looks on a white background.

## Color Contrast Check

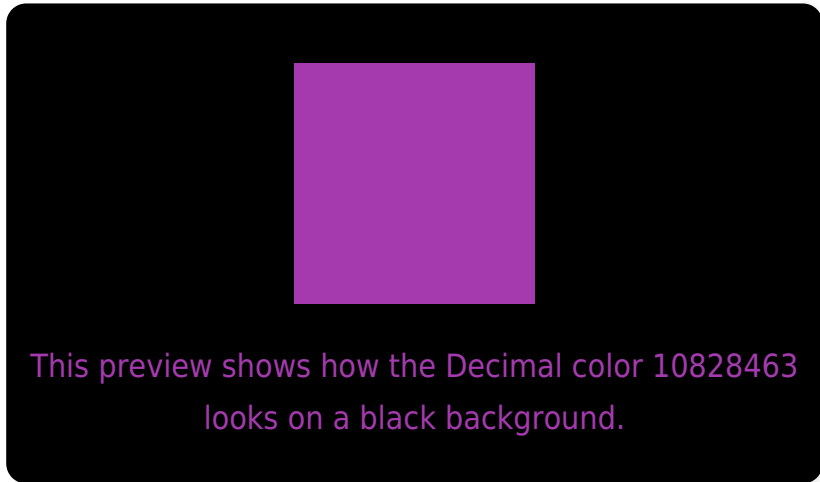
Large Text (above 18pt) WCAG AA ✓ Pass

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 10828463 Background



This preview shows how black text looks on a background with the Decimal color 10828463.




This preview shows how white text looks on a background with the Decimal color 10828463.

# 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



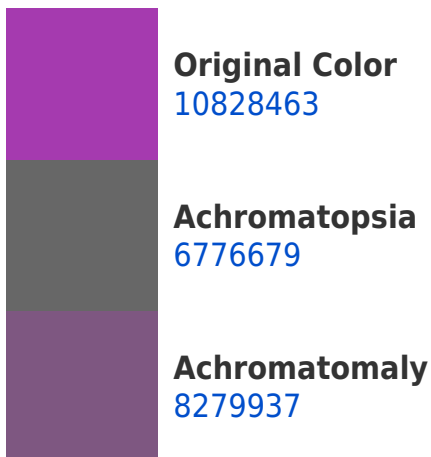


**Tritanopia**  
10179931

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10828463 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 #A53AAF looks like.

```
.text, #text, p{  
    color:#A53AAF  
}
```

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 #A53AAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A53AAF
}
```

## Border

The CSS property to change the border of an element to Decimal 10828463 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
#A53AAF }
```

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

```
.border{ border-color:#A53AAF }
```

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

Here you see how a box with a 4 pixel #A53AAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A53AAF; -webkit-box-shadow:4px 4px  
4px 4px #A53AAF; box-shadow:4px 4px 4px  
4px #A53AAF }
```

# Background

The CSS property to change the background color of an element to Decimal 10828463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A53AAF }
```

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

```
.background{ background-color:#A53AAF }
```

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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