

Converting Colors

Decimal(10241702)

Have a look what the booklet for
Decimal(10241702) contains.

Decimal(10241702)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(10241702)

Conversions

Conversions Part 1

Format	Color
Hex	9C46A6
RGB	156, 70, 166
RGB Percent	61%, 27%, 65%
CMY	0.3882, 0.7255, 0.3490
CMYK	0.06, 0.58, 0.00, 0.35
HSL	294°, 41%, 46%
HSV	294°, 58%, 65%
XYZ	22.7834, 14.2014, 37.6167
YIQ	106.6580, 20.4400, 48.0880

Conversions

Conversions Part 2

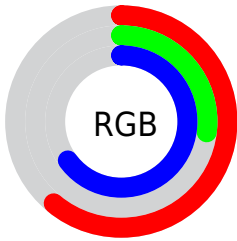
Format	Color
R_{YB}	156, 70, 166
Decimal	10241702
CIE _{Lab}	44.52, 49.73, -35.99
CIE _{LCh}	45, 61.390, 324.107
Yxy	14.2014, 0.3054, 0.1904
Android (android.graphics.Color)	4288431782 (0xFF9C46A6)
YUV	106.6580, 29.2556, 43.2729
Hunter-Lab	37.6848, 41.9689, -32.8036

Details

The Decimal color **10241702** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **5285446**, and the grayscale version is **6974058**.

A 20% lighter version of the original color is **13990878**, and **6687602** is the 20% darker color. If you saturate the color by 10%, you get **10106278**, and if you desaturate by 10%, it is **10377126**.

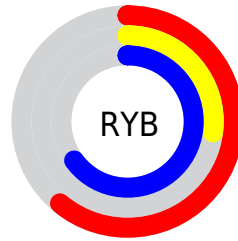
Distribution



Red (61%)

Green (27%)

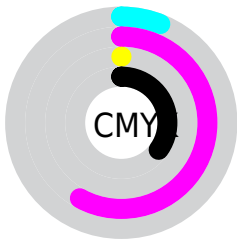
Blue (65%)



Red (61%)

Yellow (27%)

Blue (65%)

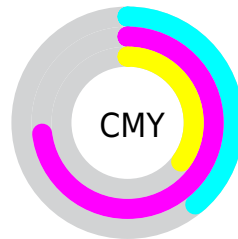


Cyan (6%)

Magenta (58%)

Yellow (0%)

Black (35%)



Cyan (39%)


Magenta (73%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 10241702 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 10241702 by changing the saturation by 10% instead.


 10241702  10241702

16777215  8465291

 13990878  6687602

 15898362  4980825

 16757247  3342401

 16764671  1638442

 16772095  276

 0

 10241702  10241702

 10106278  10377126

10036646

10446758

9901222

10582182

9766054

10717350

9765030

10852774

10922662

11057830

11193254

11328422

Harmonies

Analogous

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



5202120



10241702



12398454

Triad

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



10241702



8938496



32914

Complementary

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



10241702



5285446

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.



32605



10241702



5796608

Square

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



10241702



11357457



31528



31932

Rectangle

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



10241702



12791636



31528



32897

Sweetspot

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



10241702



14005465



4608422



7034990



15592941



7237230

Same Dimension

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



10241702



13190105



10897025



5459028



8650900



1179668

Inverse Universe

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



10896976



14238547



4630123



5524557



9699343



1310722

Previews

White Background



This preview shows how the Decimal color 10241702 looks on a white background.

Color Contrast Check

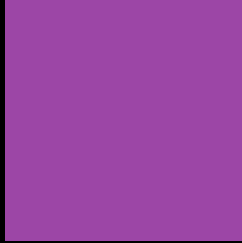
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 10241702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

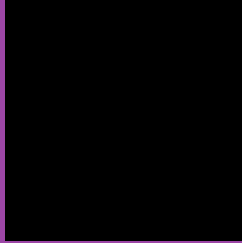
Any Text WCAG AA × Fail

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 10241702 Background



This preview shows how black text looks on a background with the Decimal color 10241702.

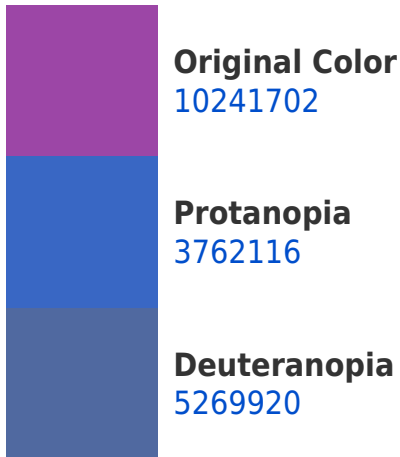



This preview shows how white text looks on a background with the Decimal color 10241702.

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
9656672

Trichromacy



Original Color
10241702



Protanomaly
6118329



Deuteranomaly
7101602



Tritanomaly
9851513

Monochromacy



Original Color
10241702



Achromatopsia
7039851



Achromatomaly
8216192

CSS Examples

Text

The CSS property to change the color of the text to Decimal 10241702 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 #9C46A6 looks like.

```
.text, #text, p{  
  color:#9C46A6  
}
```

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 #9C46A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C46A6
}
```

Border

The CSS property to change the border of an element to Decimal 10241702 is called "border". The border property can be set on classes, ids or directly on the HTML element.

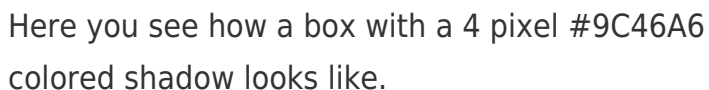
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C46A6 }
```

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

```
.border{ border-color:#9C46A6 }
```

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



Here you see how a box with a 4 pixel #9C46A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C46A6; -webkit-box-shadow:4px 4px  
4px 4px #9C46A6; box-shadow:4px 4px 4px  
4px #9C46A6 }
```

Background

The CSS property to change the background color of an element to Decimal 10241702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C46A6 }
```

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

```
.background{ background-color:#9C46A6 }
```

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