

# Converting Colors

Decimal(10761164)

Have a look what the booklet for  
Decimal(10761164) contains.

<b>Decimal(10761164)</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(10761164)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A433CC
RGB	164, 51, 204
RGB Percent	64%, 20%, 80%
CMY	0.3569, 0.8000, 0.2000
CMYK	0.20, 0.75, 0.00, 0.20
HSL	284°, 60%, 50%
HSV	284°, 75%, 80%
XYZ	27.3928, 14.6198, 58.5049
YIQ	102.2290, 18.2350, 71.5390

# Conversions

## Conversions Part 2

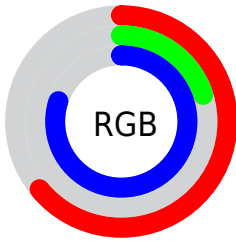
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 51, 204
Decimal	10761164
CIELab	45.11, 66.87, -57.23
CIELCh	45, 88.019, 319.439
Yxy	14.6198, 0.2725, 0.1454
Android (android.graphics.Color)	4288951244 (0xFFA433CC)
YUV	102.2290, 50.1731, 54.1732
Hunter-Lab	38.2358, 60.9674, -63.9549

# Details

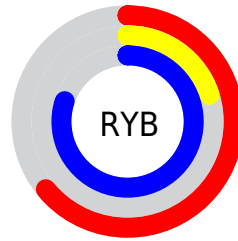
The Decimal color **10761164** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **6016051**, and the grayscale version is **6710886**.

A 20% lighter version of the original color is **14642687**, and **7012501** is the 20% darker color. If you saturate the color by 10%, you get **10428364**, and if you desaturate by 10%, it is **11093964**.

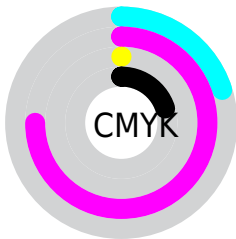
# Distribution



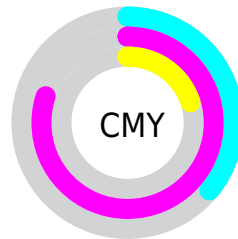
- Red (64%)
- Green (20%)
- Blue (80%)



- Red (64%)
- Yellow (20%)
- Blue (80%)



- Cyan (20%)
- Magenta (75%)
- Yellow (0%)
- Black (20%)





















- Cyan (36%)
- Magenta (80%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10761164 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 10761164 by changing the saturation by 10% instead.



 10761164	 10761164
16777215	 8850352
 14642687	 7012501
 16615935	 5177466
 16754175	 3342433
 16761599	 1310792
 16769023	 560
 16776447	 282
	 0
 10761164	 10761164

■ 10428364

■ 11093964

■ 10029772

■ 11492556

■ 9896140

■ 11825356

■ 12158412

■ 12556748

■ 12889548

■ 13222604

■ 13620940

■ 13953996

# Harmonies

## Analogous

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



25848



10761164



14352520

# Triad

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



10761164



9985792



34970

# Complementary

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



10761164



6016051

# 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.



34381



10761164



5600768

# Square

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



10761164



13185536



33024



34523

# Rectangle

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



10761164



15007832



33024



34689



# Sweetspot

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



10761164



15779071



3366092



7756928



0



8421504



# Same Dimension

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



10761164



12786175



13382568



6511718



7995558



1835046



# Inverse Universe

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



13382491



16718165



3394647



6708318



10879019



2490378



# Previews

## White Background



This preview shows how the Decimal color 10761164 looks on a white background.

## Color Contrast Check

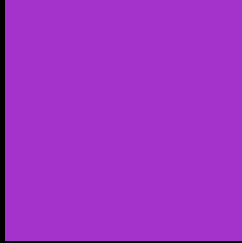
Large Text (above 18pt) WCAG AA ✓ Pass

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 10761164 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

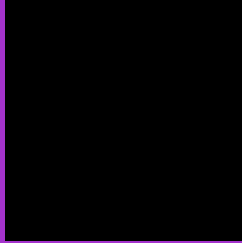
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 10761164 Background



This preview shows how black text looks on a background with the Decimal color 10761164.

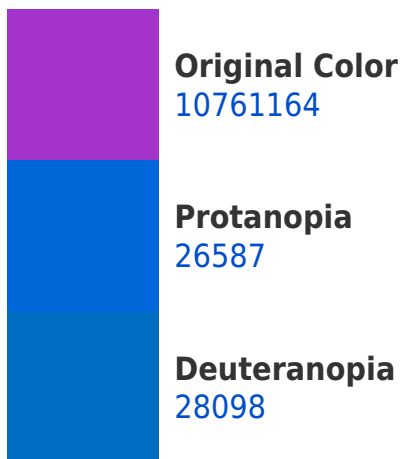


This preview shows how white text looks on a background with the Decimal color 10761164.

# 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](#).

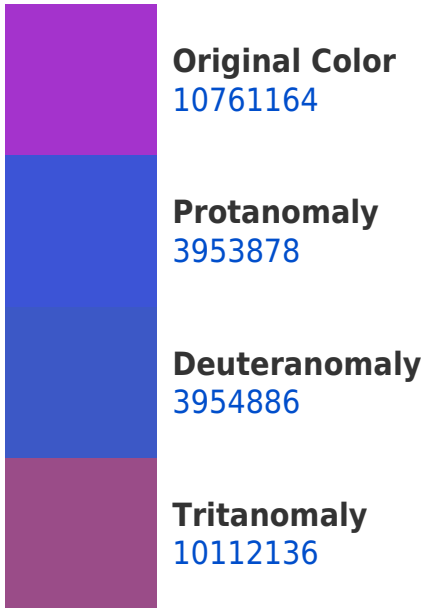
## Dichromacy





**Tritanopia**  
9722465

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10761164 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 #A433CC looks like.

```
.text, #text, p{  
    color:#A433CC  
}
```

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 #A433CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A433CC
}
```

## Border

The CSS property to change the border of an element to Decimal 10761164 is called "border". The border property can be set on classes, ids or directly on the HTML element.

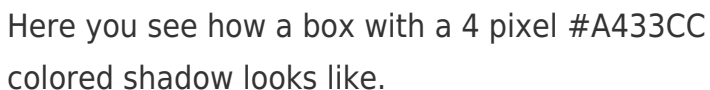
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A433CC }
```

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

```
.border{ border-color:#A433CC }
```

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



Here you see how a box with a 4 pixel #A433CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A433CC; -webkit-box-shadow:4px 4px  
4px 4px #A433CC; box-shadow:4px 4px 4px  
4px #A433CC }
```

# Background

The CSS property to change the background color of an element to Decimal 10761164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A433CC }
```

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

```
.background{ background-color:#A433CC }
```

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