

# Converting Colors

Decimal(10965728)

Have a look what the booklet for  
Decimal(10965728) contains.

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# Color

**Decimal(10965728)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A752E0
RGB	167, 82, 224
RGB Percent	65%, 32%, 88%
CMY	0.3451, 0.6784, 0.1216
CMYK	0.25, 0.63, 0.00, 0.12
HSL	276°, 70%, 60%
HSV	276°, 63%, 88%
XYZ	32.4082, 19.6319, 72.6022
YIQ	123.6030, 5.0780, 62.1820

# Conversions

## Conversions Part 2

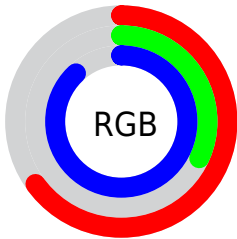
Format	Color
<a href="#">RYB</a>	<a href="#">167, 82, 224</a>
Decimal	<a href="#">10965728</a>
CIELab	<a href="#">51.42, 58.71, -58.49</a>
CIElCh	<a href="#">51, 82.873, 315.109</a>
Yxy	<a href="#">19.6319, 0.2600, 0.1575</a>
Android (android.graphics.Color)	<a href="#">4289155808</a> ( <a href="#">0xFFA752E0</a> )
YUV	<a href="#">123.6030, 49.4957, 38.0592</a>
Hunter-Lab	<a href="#">44.3079, 53.0217, -66.1362</a>

# Details

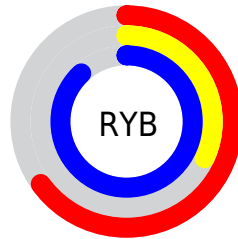
The Decimal color **10965728** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **9166930**, and the grayscale version is **8092539**.

A 20% lighter version of the original color is **14780671**, and **7215528** is the 20% darker color. If you saturate the color by 10%, you get **10370272**, and if you desaturate by 10%, it is **11561184**.

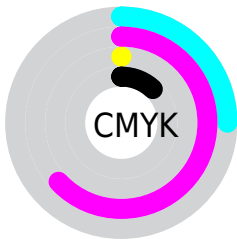
# Distribution



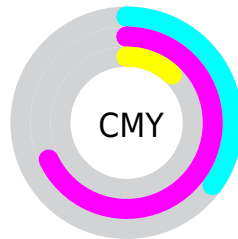
- Red (65%)
- Green (32%)
- Blue (88%)



- Red (65%)
- Yellow (32%)
- Blue (88%)



- Cyan (25%)
- Magenta (63%)
- Yellow (0%)
- Black (12%)



















- Cyan (35%)
- Magenta (68%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10965728 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 10965728 by changing the saturation by 10% instead.



 10965728	 10965728
16777215	 9058244
 14780671	 7215528
 16753919	 5374093
 16761087	 3473522
 16768255	 1638489
 16775935	 65
	 810
	 276
	 0


 10965728

 10965728

 10370272

 11561184

 9774560

 12156896

 9179104

 12752352

 8782048

 13348064

 13943520

 14538976

 15134688

 15728608

 16318432

# Harmonies

## Analogous

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



30975



10965728



14947745

# Triad

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



10965728



11692544



39070

# Complementary

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



10965728



9166930

# 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.



38483



10965728



7635712

# Square

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



10965728



14566160



36864



38623

# Rectangle

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



10965728



15859826



36864



39045



# Sweetspot

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



10965728



15519743



5410272



7627392



0



8421504



# Same Dimension

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



10965728



11615743



14701268



7103856



6881456



1900592



# Inverse Universe

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



14701195



16727435



5431390



7365993



11534407

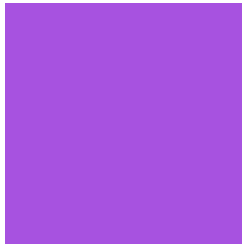


3145747



# Previews

## White Background



This preview shows how the Decimal color 10965728 looks on a white background.

## Color Contrast Check

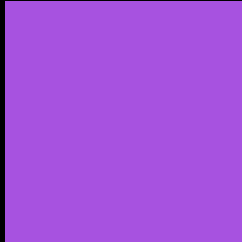
Large Text (above 18pt) WCAG AA ✓ Pass

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 10965728 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

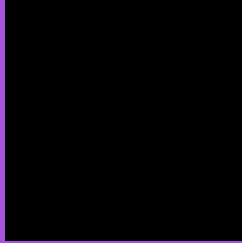
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 10965728 Background



This preview shows how black text looks on a background with the Decimal color 10965728.

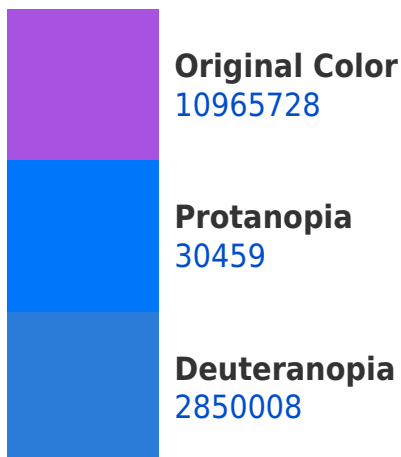



This preview shows how white text looks on a background with the Decimal color 10965728.

# 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**  
9859193

# Trichromacy



**Original Color**  
10965728



**Protanomaly**  
4024817



**Deuteranomaly**  
5795291



**Tritanomaly**  
10249630

# Monochromacy



**Original Color**  
10965728



**Achromatopsia**  
8158332



**Achromatomaly**  
9203104

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10965728 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 #A752E0 looks like.

```
.text, #text, p{  
    color:#A752E0  
}
```

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 #A752E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A752E0
}
```

## Border

The CSS property to change the border of an element to Decimal 10965728 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".

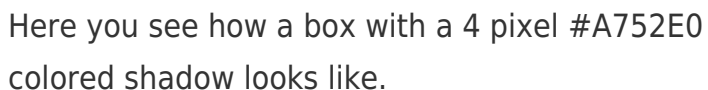
```
.border, #border, table{ border:4px solid
#A752E0 }
```

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

```
.border{ border-color:#A752E0 }
```

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

Here you see how a box with a 4 pixel #A752E0 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top, bottom, and left sides. The right side of the box is open, and there is a thick purple shadow cast to the right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A752E0; -webkit-box-shadow:4px 4px  
4px 4px #A752E0; box-shadow:4px 4px 4px  
4px #A752E0 }
```

# Background

The CSS property to change the background color of an element to Decimal 10965728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A752E0 }
```

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

```
.background{ background-color:#A752E0 }
```

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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