

# Converting Colors

Decimal(11232764)

Have a look what the booklet for  
Decimal(11232764) contains.

<b>Decimal(11232764)</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(11232764)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AB65FC
RGB	171, 101, 252
RGB Percent	67%, 40%, 99%
CMY	0.3294, 0.6039, 0.0118
CMYK	0.32, 0.60, 0.00, 0.01
HSL	268°, 96%, 69%
HSV	268°, 60%, 99%
XYZ	39.0190, 24.9936, 94.8632
YIQ	139.1440, -6.7510, 61.8010

# Conversions

## Conversions Part 2

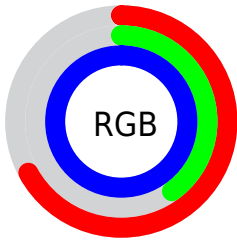
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	171, 101, 252
Decimal	11232764
CIE Lab	57.07, 56.65, -65.04
CIE LCh	57, 86.252, 311.058
Yxy	24.9936, 0.2456, 0.1573
Android (android.graphics.Color)	4289422844 (0xFFAB65FC)
YUV	139.1440, 55.6380, 27.9377
Hunter-Lab	49.9936, 51.8269, -77.5077

# Details

The Decimal color **11232764** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **11992165**, and the grayscale version is **9145227**.

A 20% lighter version of the original color is **15113215**, and **7418050** is the 20% darker color. If you saturate the color by 10%, you get **10308860**, and if you desaturate by 10%, it is **12156668**.

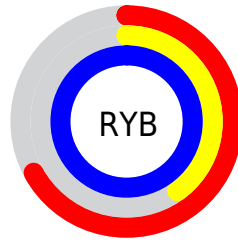
# Distribution



Red (67%)

Green (40%)

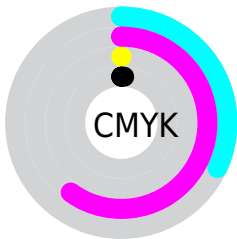
Blue (99%)



Red (67%)

Yellow (40%)

Blue (99%)

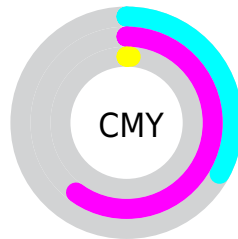


Cyan (32%)

Magenta (60%)

Yellow (0%)

Black (1%)



Cyan (33%)

Magenta (60%)
















Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11232764 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 11232764 by changing the saturation by 10% instead.



 11232764	 11232764
16777215	 9325535
 15113215	 7418050
 16758527	 5510055
 16765951	 3473547
 16773375	 786545
	 88
	 1599
	 808
	 274

■ 11232764

■ 11232764

■ 10308860

■ 12156668

■ 9450492

■ 13015036

■ 8526332

■ 13939196

■ 7667964

■ 14797564

■ 15721468

■ 16579836

■ 16777212

# Harmonies

## Analogous

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



35583



11232764



16003260

# Triad

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



11232764



13398784



43428

# Complementary

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



11232764



11992165

# 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.



42580



11232764



9277184

# Square

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



11232764



16337191



2924032



42987

# Rectangle

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



11232764



16715146



2924032



43146



# Sweetspot

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



11232764



15127039



6666492



7365504



0



8421504



# Same Dimension

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



11232764



10307583



16016892



7762045



5701821



1835069



# Inverse Universe

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



16541110



16730026



7208037



8220791



12386405

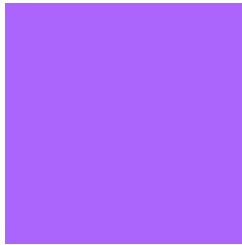


3997729



# Previews

## White Background



This preview shows how the Decimal color 11232764 looks on a white background.

## Color Contrast Check

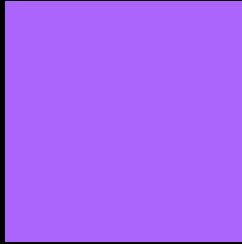
Large Text (above 18pt) WCAG AA ✓ Pass

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 11232764 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

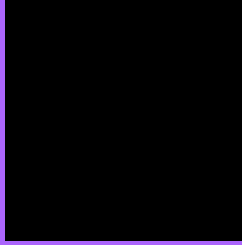
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 11232764 Background



This preview shows how black text looks on a background with the Decimal color 11232764.



This preview shows how white text looks on a background with the Decimal color 11232764.

# 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**  
9864334

# Trichromacy



**Original Color**

11232764



**Protanomaly**

7043582



**Deuteranomaly**

5537271



**Tritanomaly**

10385846

# Monochromacy



**Original Color**

11232764



**Achromatopsia**

9145227



**Achromatomaly**

9928116

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11232764 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 #AB65FC looks like.

```
.text, #text, p{  
    color:#AB65FC  
}
```

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 #AB65FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB65FC
}
```

## Border

The CSS property to change the border of an element to Decimal 11232764 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
#AB65FC }
```

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

```
.border{ border-color:#AB65FC }
```

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

Here you see how a box with a 4 pixel #AB65FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB65FC; -webkit-box-shadow:4px 4px  
4px 4px #AB65FC; box-shadow:4px 4px 4px  
4px #AB65FC }
```

# Background

The CSS property to change the background color of an element to Decimal 11232764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB65FC }
```

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

```
.background{ background-color:#AB65FC }
```

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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