

# Converting Colors

Decimal(11481805)

Have a look what the booklet for  
Decimal(11481805) contains.

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**Color**

**Decimal(11481805)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AF32CD
RGB	175, 50, 205
RGB Percent	69%, 20%, 80%
CMY	0.3137, 0.8039, 0.1961
CMYK	0.15, 0.76, 0.00, 0.20
HSL	288°, 61%, 50%
HSV	288°, 76%, 80%
XYZ	29.8392, 15.8029, 59.2352
YIQ	105.0450, 24.7450, 74.7050

# Conversions

## Conversions Part 2

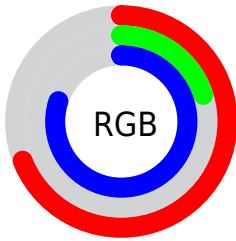
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	175, 50, 205
Decimal	11481805
CIE <sub>Lab</sub>	46.71, 69.50, -55.14
CIE <sub>LCh</sub>	47, 88.717, 321.573
Yxy	15.8029, 0.2845, 0.1507
Android (android.graphics.Color)	4289671885 (0xFFAF32CD)
YUV	105.0450, 49.2778, 61.3505
Hunter-Lab	39.7529, 64.4177, -60.5200

# Details

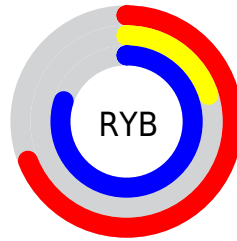
The Decimal color **11481805** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **5295410**, and the grayscale version is **6908265**.

A 20% lighter version of the original color is **15363583**, and **7733398** is the 20% darker color. If you saturate the color by 10%, you get **11214541**, and if you desaturate by 10%, it is **11749069**.

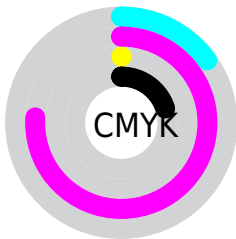
# Distribution



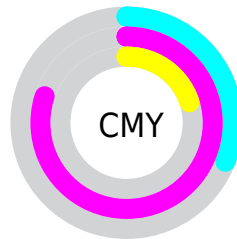
- Red (69%)
- Green (20%)
- Blue (80%)



- Red (69%)
- Yellow (20%)
- Blue (80%)



- Cyan (15%)
- Magenta (76%)
- Yellow (0%)
- Black (20%)



- Cyan (31%)
- Magenta (80%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11481805 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 11481805 by changing the saturation by 10% instead.





11481805



11481805

16777215



9569457



15363583



7733398



16747263



5898363



16754431



3997794



16761855



2228297



16769279



49

16776959



283



0



11481805



11481805

■ 11214541

■ 11749069

■ 10947021

■ 12016589

■ 10813645

■ 12284109

■ 12551373

■ 12818893

■ 13086157

■ 13353677

■ 13620941

■ 13888461

# Harmonies

## Analogous

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



26108



11481805



14876807

# Triad

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



11481805



10052864



36004

# Complementary

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



11481805



5295410

# 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.



35670



11481805



5536512

# Square

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



11481805



13384192



34304



35556

# Rectangle

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



11481805



15401046



34304



35979



# Sweetspot

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



11481805



16041215



3297741



7953536



0



8421504



# Same Dimension

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



11481805



13768703



13447839



6577254



8781990



2031654



# Inverse Universe

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



13447760



16717636



3329377



6708318



10879008



2490375



# Previews

## White Background



This preview shows how the Decimal color 11481805 looks on a white background.

## Color Contrast Check

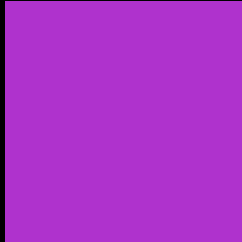
Large Text (above 18pt) WCAG AA ✓ Pass

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 11481805 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

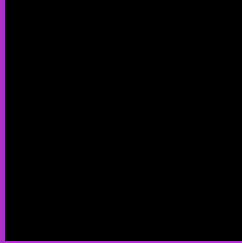
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 11481805 Background



This preview shows how black text looks on a background with the Decimal color 11481805.




This preview shows how white text looks on a background with the Decimal color 11481805.

# 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**  
10508897

# Trichromacy



**Original Color**  
11481805



**Protanomaly**  
4216539



**Deuteranomaly**  
5921479



**Tritanomaly**  
10832776

# Monochromacy



**Original Color**  
11481805



**Achromatopsia**  
6908265



**Achromatomaly**  
8541581

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11481805 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 #AF32CD looks like.

```
.text, #text, p{  
    color:#AF32CD  
}
```

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 #AF32CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF32CD
}
```

## Border

The CSS property to change the border of an element to Decimal 11481805 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
#AF32CD }
```

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

```
.border{ border-color:#AF32CD }
```

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

Here you see how a box with a 4 pixel #AF32CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF32CD; -webkit-box-shadow:4px 4px  
4px 4px #AF32CD; box-shadow:4px 4px 4px  
4px #AF32CD }
```

# Background

The CSS property to change the background color of an element to Decimal 11481805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF32CD }
```

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

```
.background{ background-color:#AF32CD }
```

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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