

# Converting Colors

Decimal(10584311)

Have a look what the booklet for  
Decimal(10584311) contains.

<b>Decimal(10584311)</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(10584311)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A180F7
RGB	161, 128, 247
RGB Percent	63%, 50%, 97%
CMY	0.3686, 0.4980, 0.0314
CMYK	0.35, 0.48, 0.00, 0.03
HSL	257°, 88%, 74%
HSV	257°, 48%, 97%
XYZ	39.2056, 29.7308, 91.6679
YIQ	151.4330, -18.5310, 44.0050

# Conversions

## Conversions Part 2

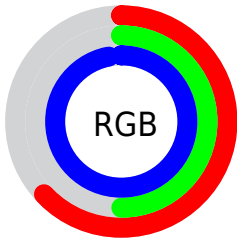
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	161, 128, 247
Decimal	10584311
CIE <sub>Lab</sub>	61.42, 38.49, -55.36
CIE <sub>LCh</sub>	61, 67.426, 304.804
Yxy	29.7308, 0.2441, 0.1851
Android (android.graphics.Color)	4288774391 (0xFFFA180F7)
YUV	151.4330, 47.1145, 8.3903
Hunter-Lab	54.5260, 32.9258, -61.5090

# Details

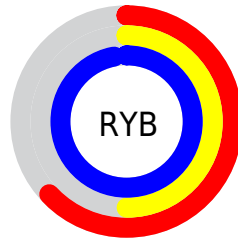
The Decimal color **10584311** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **14088064**, and the grayscale version is **9934743**.

A 20% lighter version of the original color is **14398975**, and **6901438** is the 20% darker color. If you saturate the color by 10%, you get **9398263**, and if you desaturate by 10%, it is **11770359**.

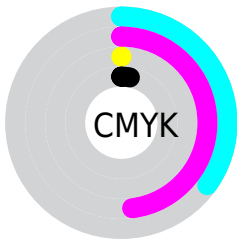
# Distribution



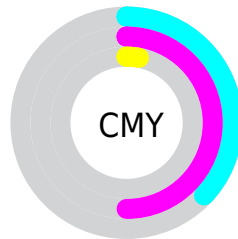
- Red (63%)
- Green (50%)
- Blue (97%)



- Red (63%)
- Yellow (50%)
- Blue (97%)



- Cyan (35%)
- Magenta (48%)
- Yellow (0%)
- Black (3%)

















- Cyan (37%)
- Magenta (50%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10584311 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 10584311 by changing the saturation by 10% instead.



 10584311	 10584311
16777215	 8742874
 14398975	 6901438
 16306687	 4994722
 16772863	 3088264
	 264302
	 85
	 1340
	 550
	 270

■ 10584311

■ 10584311

■ 9398263

■ 11770359

■ 8212471

■ 12956151

■ 7026423

■ 14142199

■ 5905911

■ 15262711

■ 4720119

■ 16448759

■ 4456695

■ 16777207

# Harmonies

## Analogous

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



39167



10584311



14902472

# Triad

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



10584311



14188064



45213

# Complementary

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



10584311



14088064

# 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.



44127



10584311



11048192

# Square

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



10584311



16278612



6988837



45015

# Rectangle

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



10584311



16341153



6988837



44936



# Sweetspot

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



10584311



15064063



8443895



7367296



0



8421504



# Same Dimension

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



10584311



9726975



14385399



7499386



3408058



1048635



# Inverse Universe

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



16220374



16739286



10286976



8023671



12189831

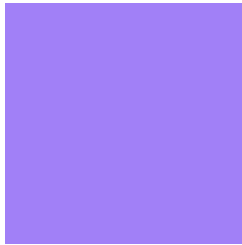


3866666



# Previews

## White Background



This preview shows how the Decimal color 10584311 looks on a white background.

## Color Contrast Check

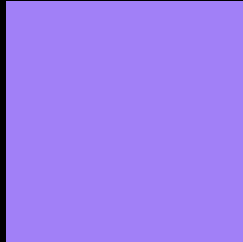
Large Text (above 18pt) WCAG AA ✓ Pass

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 10584311 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

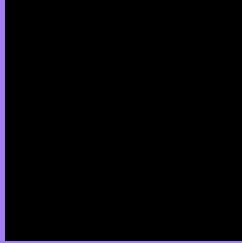
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 10584311 Background



This preview shows how black text looks on a background with the Decimal color 10584311.



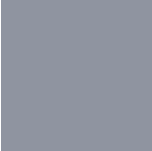
This preview shows how white text looks on a background with the Decimal color 10584311.

# 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**  
9409696

# Trichromacy



**Original Color**  
10584311

**Protanomaly**  
8031228

**Deuteranomaly**  
7572980

**Tritanomaly**  
9866688

# Monochromacy



**Original Color**  
10584311

**Achromatopsia**  
9934743

**Achromatomaly**  
10194874

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10584311 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 #A180F7 looks like.

```
.text, #text, p{  
    color:#A180F7  
}
```

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 #A180F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A180F7
}
```

## Border

The CSS property to change the border of an element to Decimal 10584311 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
#A180F7 }
```

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

```
.border{ border-color:#A180F7 }
```

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

Here you see how a box with a 4 pixel #A180F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A180F7; -webkit-box-shadow:4px 4px  
4px 4px #A180F7; box-shadow:4px 4px 4px  
4px #A180F7 }
```

# Background

The CSS property to change the background color of an element to Decimal 10584311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A180F7 }
```

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

```
.background{ background-color:#A180F7 }
```

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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