

# Converting Colors

Android(4287890667)

Have a look what the booklet for  
Android(4287890667) contains.

<b>Android(4287890667)</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**

**Android(4287890667)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9404EB
RGB	148, 4, 235
RGB Percent	58%, 2%, 92%
CMY	0.4196, 0.9843, 0.0784
CMYK	0.37, 0.98, 0.00, 0.08
HSL	277°, 97%, 47%
HSV	277°, 98%, 92%
XYZ	27.2516, 12.3809, 79.5507
YIQ	73.3900, 11.6730, 102.3690

# Conversions

## Conversions Part 2

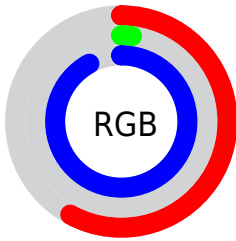
<b>Format</b>	<b>Color</b>
<b>RYB</b>	148, 4, 235
Decimal	9700587
CIELab	41.82, 80.50, -80.45
CIELCh	42, 113.808, 315.017
Yxy	12.3809, 0.2287, 0.1039
Android (android.graphics.Color)	4287890667 (0xFF9404EB)
YUV	73.3900, 79.6737, 65.4330
Hunter-Lab	35.1865, 76.6700, -109.4141

# Details

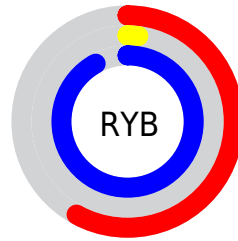
The Android color `4287890667` is a dark color, and the websafe version is hex `9933FF`. The color can be described as dark washed purple. A complement of this color would be `4284214020`, and the grayscale version is `4282992969`.

A 20% lighter version of the original color is `4291909375`, and `4283826354` is the 20% darker color. If you saturate the color by 10%, you get `4287758571`, and if you desaturate by 10%, it is `4288486379`.

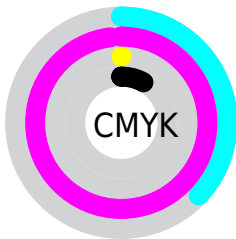
# Distribution



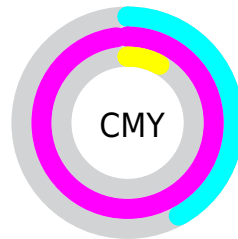
- Red (58%)
- Green (2%)
- Blue (92%)



- Red (58%)
- Yellow (2%)
- Blue (92%)



- Cyan (37%)
- Magenta (98%)
- Yellow (0%)
- Black (8%)



- Cyan (42%)
- Magenta (98%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287890667 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 Android color 4287890667 by changing the saturation by 10% instead.



 4287890667

 4287890667

4294967295

 4285857998

 4291909375

 4283826354

 4293948415

 4281532566

 4294938879

 4278190203

 4294946303

 4278190177

 4294953727

 4278191944

 4294961407

 4278191153

 4278190363

 4278190080

■ 4287890667

■ 4287890667

■ 4287758571

■ 4288486379

■ 4289082347

■ 4289678315

■ 4290208491

■ 4290804459

■ 4291400171

■ 4291996139

■ 4292591851

■ 4293187819

# Harmonies

## Analogous

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



4278215679



4287890667



4293394582

# Triad

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



4287890667



4288564224



4278223506

# Complementary

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



4287890667



4284214020

# 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.



4278222893



4287890667



4283133184

# Square

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



4287890667



4292411392



4278221568



4278224105

# Rectangle

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



4287890667



4294443097



4278221568



4278223217



# Sweetspot

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



4287890667



4293113343



4278476267



4285485952



4278190080



4286611584



# Same Dimension

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



4287890667



4288610559



4293592272



4285622901



4285595829



4280352822



# Inverse Universe

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



4293592155



4294901856



4278512415



4285885038



4290052164



4281729044



# Previews

## White Background



This preview shows how the Android color 4287890667 looks on a white background.

## Color Contrast Check

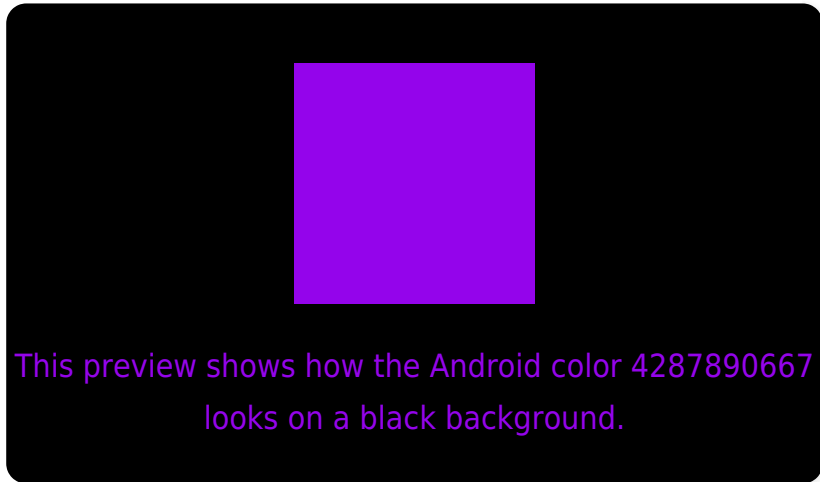
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## 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](#).



# Android 4287890667 Background



This preview shows how black text looks on a background with the Android color 4287890667.



This preview shows how white text looks on a background with the Android color 4287890667.

# 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



**Original Color**  
4287890667

**Protanopia**  
4278215115

**Deuteranopia**  
4278216623



**Tritanopia**  
4286143587

# Trichromacy



**Original Color**  
4287890667

**Protanomaly**  
4281745367

**Deuteranomaly**  
4281746373

**Tritanomaly**  
4286790804

# Monochromacy



**Original Color**  
4287890667

**Achromatopsia**  
4282992969

**Achromatomaly**  
4284756100

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287890667 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 `rgb(148, 4, 235)` looks like.

```
.text, #text, p{  
    color:rgb(148, 4, 235)  
}
```

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 rgb(148, 4, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 4, 235) }
```

## Border

The CSS property to change the border of an element to Android 4287890667 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 rgb(148, 4, 235) }
```

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

```
.border{ border-color:rgb(148, 4, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 4, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 4, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 4, 235);  
box-shadow:4px 4px 4px 4px rgb(148, 4,  
235) }
```

# Background

The CSS property to change the background color of an element to Android 4287890667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 4, 235) }
```

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

```
.background{ background-color: rgb(148, 4,  
235) }
```

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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