

# Converting Colors

Android(4284153926)

Have a look what the booklet for  
Android(4284153926) contains.

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**Color**

**Android(4284153926)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5B0046
RGB	91, 0, 70
RGB Percent	36%, 0%, 27%
CMY	0.6431, 1.0000, 0.7255
CMYK	0.00, 1.00, 0.23, 0.64
HSL	314°, 100%, 18%
HSV	314°, 100%, 36%
XYZ	5.4199, 2.6663, 6.0233
YIQ	35.1890, 31.7660, 41.0620

# Conversions

## Conversions Part 2

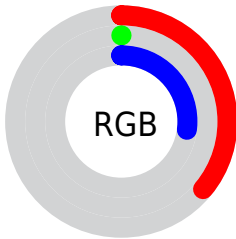
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 0, 70
Decimal	5963846
CIE <sub>Lab</sub>	18.65, 43.08, -16.46
CIE <sub>LCh</sub>	19, 46.113, 339.092
Yxy	2.6663, 0.3841, 0.1890
Android (android.graphics.Color)	4284153926 (0xFF5B0046)
YUV	35.1890, 17.1618, 48.9462
Hunter-Lab	16.3289, 30.6718, -10.4404

# Details

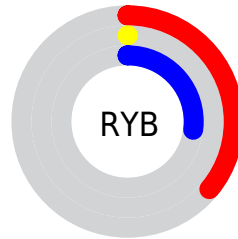
The Android color **4284153926** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **4278213397**, and the grayscale version is **4280492835**.

A 20% lighter version of the original color is **4287642487**, and **4281008155** is the 20% darker color. If you saturate the color by 10%, you get **4284153926**, and if you desaturate by 10%, it is **4284156232**.

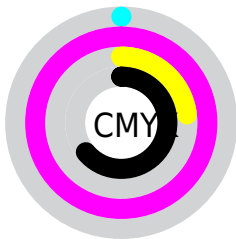
# Distribution



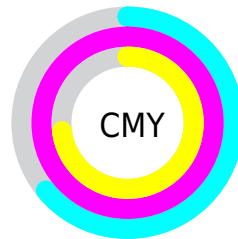
- Red (36%)
- Green (0%)
- Blue (27%)



- Red (36%)
- Yellow (0%)
- Blue (27%)



- Cyan (0%)
- Magenta (100%)
- Yellow (23%)
- Black (64%)



- Cyan (64%)
- Magenta (100%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284153926 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 4284153926 by changing the saturation by 10% instead.



 4284153926

 4284153926

 4294966015

 4282449967

 4287642487

 4281008155

 4289484176

 4278190080

 4291325867

 4293233350

 4294944226

 4294951423

 4294958591

 4284153926

■ 4284156232

■ 4284158538

■ 4284160844

■ 4284163150

■ 4284165713

■ 4284168019

■ 4284170325

■ 4284172631

■ 4284174937

# Harmonies

## Analogous

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



4281867874



4284153926



4284874789

# Triad

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



4284153926



4281347840



4278205271

# Complementary

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



4284153926



4278213397

# 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.



4278205239



4284153926



4278597120

# Square

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



4284153926



4283179776



4278204947



4278204269

# Rectangle

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



4284153926



4284678159



4278204947



4278205261



# Sweetspot

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



4284153926



4285878893



4279500891



4282066486



4290427578



4282071867



# Same Dimension

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



4284153926



4285857882



4284153882



4281215277



4285399124



4293722294



# Inverse Universe

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



4284153926



4285857882



4278213441



4281215277



4285399124



4293722294



# Previews

## White Background



This preview shows how the Android color 4284153926 looks on a white background.

## Color Contrast Check

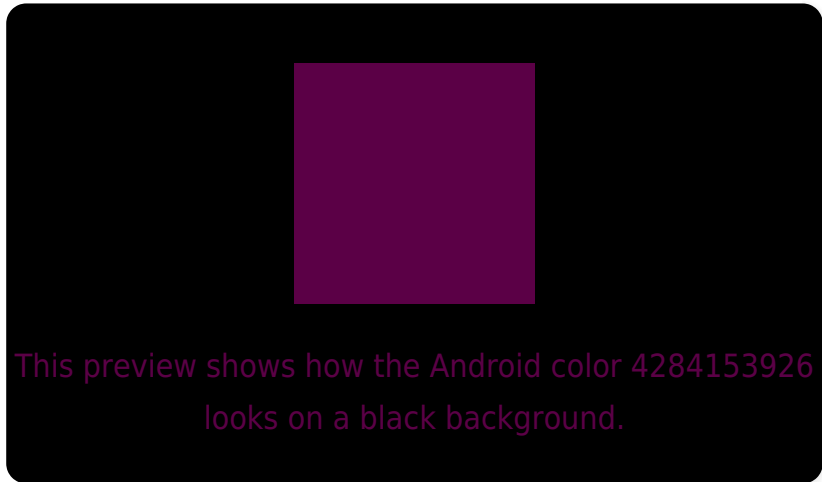
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 4284153926 Background



This preview shows how black text looks on a background with the Android color 4284153926.



This preview shows how white text looks on a background with the Android color 4284153926.

# 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**  
4284153926

**Protanopia**  
4279119971

**Deuteranopia**  
4281217346



# Trichromacy



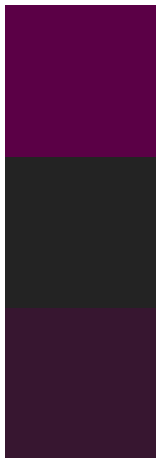
**Original Color**  
4284153926

**Protanomaly**  
4280950616

**Deuteranomaly**  
4282261315

**Tritanomaly**  
4284027436

# Monochromacy



**Original Color**  
4284153926

**Achromatopsia**  
4280492835

**Achromatomaly**  
4281800240

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284153926 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(91, 0, 70)` looks like.

```
.text, #text, p{  
    color:rgb(91, 0, 70)  
}
```

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(91, 0, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 0, 70) }
```

## Border

The CSS property to change the border of an element to Android 4284153926 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(91, 0, 70) }
```

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

```
.border{ border-color:rgb(91, 0, 70) }
```

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

Here you see how a box with a 4 pixel rgb(91, 0, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 0, 70); -webkit-box-shadow:4px  
4px 4px 4px rgb(91, 0, 70); box-shadow:4px  
4px 4px 4px rgb(91, 0, 70) }
```

# Background

The CSS property to change the background color of an element to Android 4284153926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 0, 70) }
```

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

```
.background{ background-color: rgb(91, 0,  
70) }
```

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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