

# Converting Colors

Android(4286781090)

Have a look what the booklet for  
Android(4286781090) contains.

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**Color**

**Android(4286781090)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8316A2
RGB	131, 22, 162
RGB Percent	51%, 9%, 64%
CMY	0.4863, 0.9137, 0.3647
CMYK	0.19, 0.86, 0.00, 0.36
HSL	287°, 76%, 36%
HSV	287°, 86%, 64%
XYZ	16.1686, 8.0077, 34.8759
YIQ	70.5510, 20.0240, 66.6480

# Conversions

## Conversions Part 2

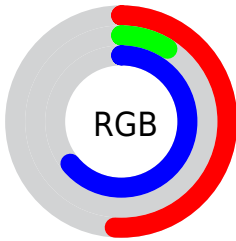
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 22, 162
Decimal	8591010
CIE <sub>Lab</sub>	34.00, 61.53, -50.64
CIE <sub>LCh</sub>	34, 79.687, 320.547
Yxy	8.0077, 0.2738, 0.1356
Android (android.graphics.Color)	4286781090 (0xFF8316A2)
YUV	70.5510, 45.0844, 53.0138
Hunter-Lab	28.2980, 52.4679, -53.2635

# Details

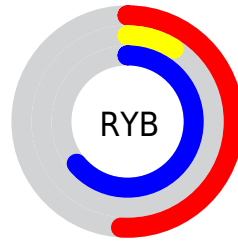
The Android color **4286781090** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **4281704982**, and the grayscale version is **4282795590**.

A 20% lighter version of the original color is **4290532314**, and **4283170925** is the 20% darker color. If you saturate the color by 10%, you get **4286514850**, and if you desaturate by 10%, it is **4287047330**.

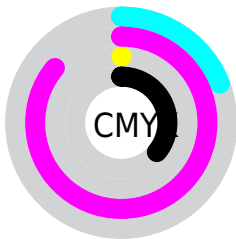
# Distribution



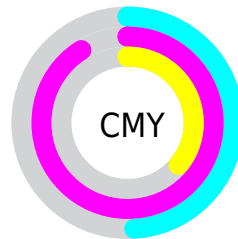
- Red (51%)
- Green (9%)
- Blue (64%)



- Red (51%)
- Yellow (9%)
- Blue (64%)



- Cyan (19%)
- Magenta (86%)
- Yellow (0%)
- Black (36%)



- Cyan (49%)
- Magenta (91%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286781090 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 4286781090 by changing the saturation by 10% instead.



 4286781090

 4286781090

4294967295

 4284940423

 4290532314

 4283170925

 4292440055

 4281401428

 4294413311

 4279500860

 4294944767

 4278190629

 4294951935

 4278190350

 4294959359

 4278190080

 4294966783

 4286781090

 4286781090

■ 4286514850

■ 4287047330

■ 4286447778

■ 4287248034

■ 4287514530

■ 4287715234

■ 4287981474

■ 4288247714

■ 4288448418

■ 4288714914

■ 4288915618

# Harmonies

## Analogous

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



4278208970



4286781090



4289790055

# Triad

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



4286781090



4285744896



4278216827

# Complementary

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



4286781090



4281704982

# 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.



4278216249



4286781090



4281883136

# Square

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



4286781090



4288551936



4278215424



4278216627

# Rectangle

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



4286781090



4290248765



4278215424



4278216550



# Sweetspot

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



4286781090



4291272148



4279646114



4284762731



4293651435



4285229931



# Same Dimension

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



4286781090



4289003732



4288812669



4283451730



4285595793



4279107602



# Inverse Universe

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



4288812597



4292083759



4279673403



4283582795



4287692832

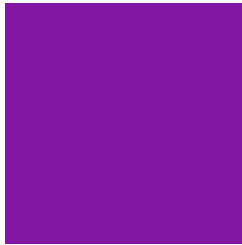


4279369732



# Previews

## White Background



This preview shows how the Android color 4286781090 looks on a white background.

## Color Contrast Check

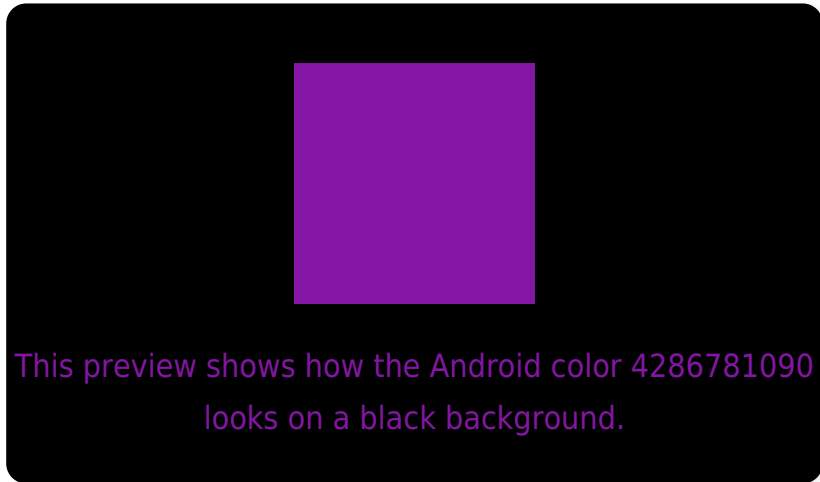
Large Text (above 18pt) WCAG AA ✓ Pass

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

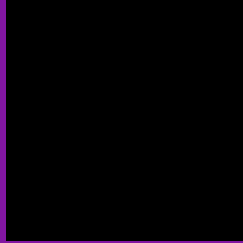
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4286781090 Background



This preview shows how black text looks on a background with the Android color 4286781090.



This preview shows how white text looks on a background with the Android color 4286781090.

# 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**  
4286781090

**Protanopia**  
4278210470

**Deuteranopia**  
4278211474



# Trichromacy



**Original Color**

4286781090



**Protanomaly**

4281350821



**Deuteranomaly**

4281351576



**Tritanomaly**

4286263912

# Monochromacy



**Original Color**

4286781090



**Achromatopsia**

4282861383



**Achromatomaly**

4284298600

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286781090 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(131, 22, 162)` looks like.

```
.text, #text, p{  
    color:rgb(131, 22, 162)  
}
```

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(131, 22, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 22, 162) }
```

## Border

The CSS property to change the border of an element to Android 4286781090 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(131, 22, 162) }
```

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

```
.border{ border-color:rgb(131, 22, 162) }
```

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

Here you see how a box with a 4 pixel rgb(131, 22, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 22, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 22, 162);  
box-shadow:4px 4px 4px 4px rgb(131, 22,  
162) }
```

# Background

The CSS property to change the background color of an element to Android 4286781090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 22, 162) }
```

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

```
.background{ background-color: rgb(131, 22,  
162) }
```

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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