

# Converting Colors

Android(4286447691)

Have a look what the booklet for  
Android(4286447691) contains.

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# Color

**Android(4286447691)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7E004B
RGB	126, 0, 75
RGB Percent	49%, 0%, 29%
CMY	0.5059, 1.0000, 0.7059
CMYK	0.00, 1.00, 0.40, 0.51
HSL	324°, 100%, 25%
HSV	324°, 100%, 49%
XYZ	9.8742, 4.9436, 7.0904
YIQ	46.2240, 51.0210, 50.0370

# Conversions

## Conversions Part 2

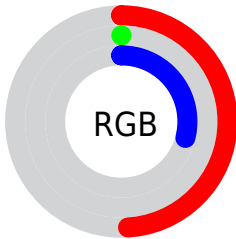
<b>Format</b>	<b>Color</b>
<b>RYB</b>	126, 0, 75
Decimal	8257611
CIELab	26.57, 51.54, -7.06
CIELCh	27, 52.023, 352.199
Yxy	4.9436, 0.4507, 0.2257
Android (android.graphics.Color)	4286447691 (0xFF7E004B)
YUV	46.2240, 14.1866, 69.9636
Hunter-Lab	22.2343, 40.3615, -3.3433

# Details

The Android color **4286447691** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **4278222387**, and the grayscale version is **4281216558**.

A 20% lighter version of the original color is **4290200956**, and **4282843167** is the 20% darker color. If you saturate the color by 10%, you get **4286447691**, and if you desaturate by 10%, it is **4286451024**.

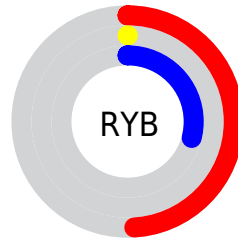
# Distribution



Red (49%)

Green (0%)

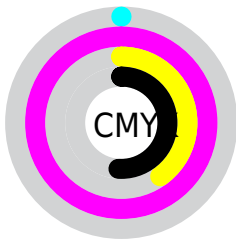
Blue (29%)



Red (49%)

Yellow (0%)

Blue (29%)

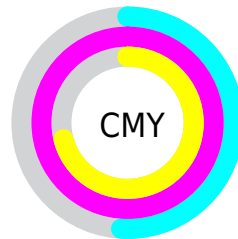


Cyan (0%)

Magenta (100%)

Yellow (40%)

Black (51%)



Cyan (51%)

Magenta (100%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286447691 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 4286447691 by changing the saturation by 10% instead.



 4286447691

 4286447691

4294967295

 4284612660

 4290200956

 4282843167

 4292108438

 4281270276

 4294081456

 4278190080

 4294940364

 4294947560

 4294955007

 4294962431

 4286447691

 4286451024

 4286454101

 4286457434

 4286460511

 4286463844

 4286467178

 4286470255

 4286473588

 4286476665

# Harmonies

## Analogous

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



4284686960



4286447691



4286646052

# Triad

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



4286447691



4281484544



4278210174

# Complementary

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



4286447691



4278222387

# 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.



4278210396



4286447691



4278209541

# Square

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



4286447691



4283906560



4278210355



4278208399

# Rectangle

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



4286447691



4286127369



4278210355



4278210420



# Sweetspot

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



4286447691



4288901775



4281467006



4283577414



4291940817



4283585106



# Same Dimension

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



4286447691



4288872545



4286447629



4282399037



4286578764



4278190080



# Inverse Universe

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



4286447691



4288872545



4278222449



4282399037



4286578764

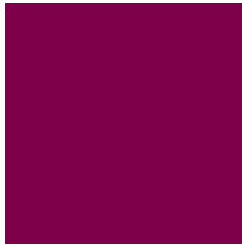


4278190080



# Previews

## White Background



This preview shows how the Android color 4286447691 looks on a white background.

## Color Contrast Check

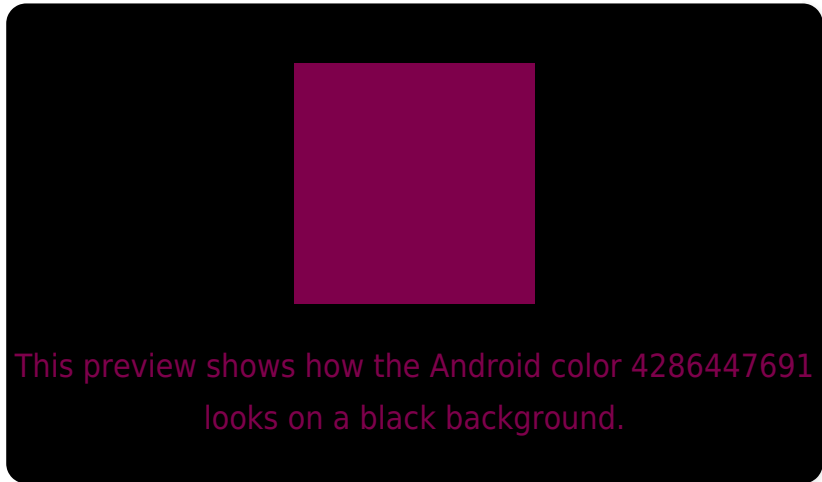
Large Text (above 18pt) WCAG AA ✓ Pass

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 4286447691 Background



This preview shows how black text looks on a background with the Android color 4286447691.



This preview shows how white text looks on a background with the Android color 4286447691.

# 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**

4286447691

**Protanopia**

4281483628

**Deuteranopia**

4282859590



# Trichromacy



**Original Color**  
4286447691

**Protanomaly**  
4283312480

**Deuteranomaly**  
4284164424

**Tritanomaly**  
4286321454

# Monochromacy



**Original Color**  
4286447691

**Achromatopsia**  
4281216558

**Achromatomaly**  
4283112761

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286447691 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(126, 0, 75)` looks like.

```
.text, #text, p{  
    color:rgb(126, 0, 75)  
}
```

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(126, 0, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 0, 75) }
```

## Border

The CSS property to change the border of an element to Android 4286447691 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(126, 0, 75) }
```

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

```
.border{ border-color:rgb(126, 0, 75) }
```

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

Here you see how a box with a 4 pixel rgb(126, 0, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 0, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 0, 75);  
box-shadow:4px 4px 4px 4px rgb(126, 0, 75)  
}
```

# Background

The CSS property to change the background color of an element to Android 4286447691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 0, 75) }
```

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

```
.background{ background-color: rgb(126, 0,  
75) }
```

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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