

# Converting Colors

Android(4286193786)

Have a look what the booklet for  
Android(4286193786) contains.

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**Color**

**Android(4286193786)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7A207A
RGB	122, 32, 122
RGB Percent	48%, 13%, 48%
CMY	0.5216, 0.8745, 0.5216
CMYK	0.00, 0.74, 0.00, 0.52
HSL	300°, 58%, 30%
HSV	300°, 74%, 48%
XYZ	12.0554, 6.5757, 19.0462
YIQ	69.1700, 24.7500, 47.0700

# Conversions

## Conversions Part 2

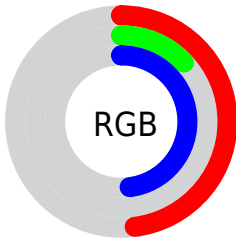
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">122, 32, 122</a>
Decimal	<a href="#">8003706</a>
CIELab	<a href="#">30.82, 49.40, -31.13</a>
CIElCh	<a href="#">31, 58.392, 327.787</a>
Yxy	<a href="#">6.5757, 0.3200, 0.1745</a>
Android (android.graphics.Color)	<a href="#">4286193786 (0xFF7A207A)</a>
YUV	<a href="#">69.1700, 26.0452, 46.3319</a>
Hunter-Lab	<a href="#">25.6432, 39.0409, -26.0868</a>

# Details

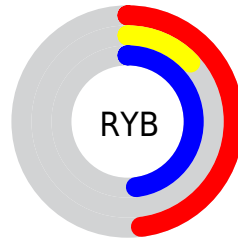
The Android color **4286193786** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **4280318496**, and the grayscale version is **4282729797**.

A 20% lighter version of the original color is **4289812143**, and **4282712137** is the 20% darker color. If you saturate the color by 10%, you get **4286190714**, and if you desaturate by 10%, it is **4286196858**.

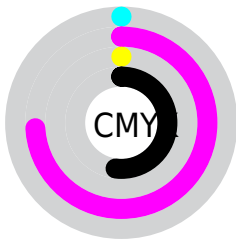
# Distribution



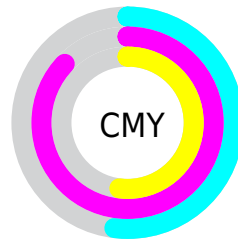
- Red (48%)
- Green (13%)
- Blue (48%)



- Red (48%)
- Yellow (13%)
- Blue (48%)



- Cyan (0%)
- Magenta (74%)
- Yellow (0%)
- Black (52%)



- Cyan (52%)
- Magenta (87%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286193786 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 4286193786 by changing the saturation by 10% instead.



 4286193786

 4286193786

4294967295

 4284416097

 4289812143

 4282712137

 4291719626

 4281270322

 4293626855

 4278714396

 4294944767

 4278190080

 4294951935

 4294959103

 4294966783

 4286193786

 4286193786

■ 4286190714

■ 4286196858

■ 4286187642

■ 4286199930

■ 4286185594

■ 4286203258

■ 4286206330

■ 4286209402

■ 4286212474

■ 4286215546

■ 4286218874

■ 4286221946

# Harmonies

## Analogous

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



4281745050



4286193786



4287889486

# Triad

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



4286193786



4284302848



4278213490

# Complementary

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



4286193786



4280318496

# 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.



4278213444



4286193786



4281356800

# Square

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



4286193786



4286460160



4278212625



4278213014

# Rectangle

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



4286193786



4287954992



4278212625



4278213475



# Sweetspot

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



4286193786



4288576414



4280295546



4283382351



4291809231



4283387727



# Same Dimension

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



4286193786



4288549278



4286193741



4282201917



4286382205



4294705404



# Inverse Universe

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



4286193786



4288549278



4280318541



4282201917



4286382205

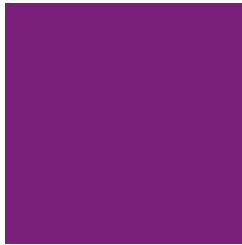


4294705404



# Previews

## White Background



This preview shows how the Android color 4286193786 looks on a white background.

## Color Contrast Check

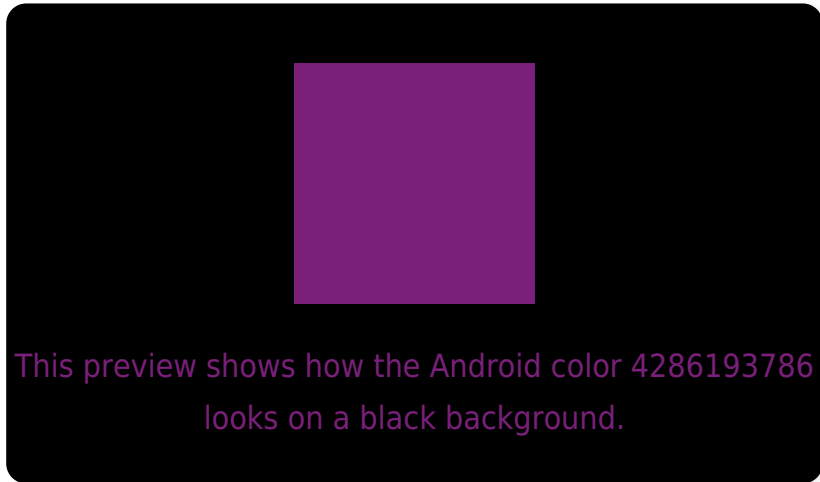
Large Text (above 18pt) WCAG AA ✓ Pass

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

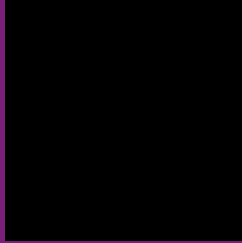
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4286193786 Background



This preview shows how black text looks on a background with the Android color 4286193786.



This preview shows how white text looks on a background with the Android color 4286193786.

# 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**  
4286193786

**Protanopia**  
4278208407

**Deuteranopia**  
4281551476



# Trichromacy



**Original Color**  
4286193786

**Protanomaly**  
4281088396

**Deuteranomaly**  
4283251574

**Tritanomaly**  
4285935442

# Monochromacy



**Original Color**  
4286193786

**Achromatopsia**  
4282729797

**Achromatomaly**  
4283971672

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286193786 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(122, 32, 122)` looks like.

```
.text, #text, p{  
    color:rgb(122, 32, 122)  
}
```

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(122, 32, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 32, 122) }
```

## Border

The CSS property to change the border of an element to Android 4286193786 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(122, 32, 122) }
```

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

```
.border{ border-color:rgb(122, 32, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 32, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 32, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 32, 122);  
box-shadow:4px 4px 4px 4px rgb(122, 32,  
122) }
```

# Background

The CSS property to change the background color of an element to Android 4286193786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 32, 122) }
```

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

```
.background{ background-color: rgb(122, 32,  
122) }
```

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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