

# Converting Colors

Android(4284889496)

Have a look what the booklet for  
Android(4284889496) contains.

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# Color

**Android(4284889496)**

# Conversions

## Conversions Part 1

Format	Color
Hex	663998
RGB	102, 57, 152
RGB Percent	40%, 22%, 60%
CMY	0.6000, 0.7765, 0.4039
CMYK	0.33, 0.62, 0.00, 0.40
HSL	268°, 45%, 41%
HSV	268°, 62%, 60%
XYZ	12.6101, 8.0180, 30.5888
YIQ	81.2850, -3.6750, 39.0850

# Conversions

## Conversions Part 2

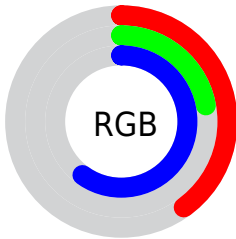
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 57, 152
Decimal	6699416
CIE <sub>Lab</sub>	34.02, 39.41, -44.75
CIE <sub>LCh</sub>	34, 59.626, 311.371
Yxy	8.0180, 0.2462, 0.1566
Android (android.graphics.Color)	4284889496 (0xFF663998)
YUV	81.2850, 34.8625, 18.1671
Hunter-Lab	28.3161, 29.9387, -44.2273

# Details

The Android color `4284889496` is a dark color, and the websafe version is hex `663399`. A complement of this color would be `4285241401`, and the grayscale version is `4283519313`.

A 20% lighter version of the original color is `4288441039`, and `4281403236` is the 20% darker color. If you saturate the color by 10%, you get `4284361368`, and if you desaturate by 10%, it is `4285417624`.

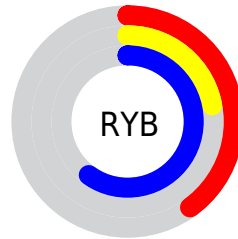
# Distribution



Red (40%)

Green (22%)

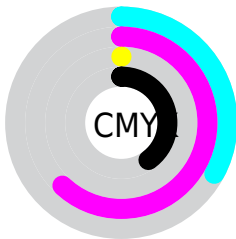
Blue (60%)



Red (40%)

Yellow (22%)

Blue (60%)

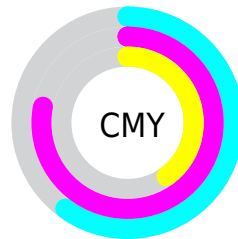


Cyan (33%)

Magenta (62%)

Yellow (0%)

Black (40%)



Cyan (60%)

Magenta (78%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284889496 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 4284889496 by changing the saturation by 10% instead.



 4284889496

 4284889496

4294967295

 4283179390

 4288441039

 4281403236

 4290282731

 4279697484

 4292190207

 4278190132

 4294097663

 4278190622

 4294956799

 4278190080

 4294964223

 4284889496

 4284889496

 4284361368

 4285417624

■ 4283833240

■ 4285945752

■ 4283304856

■ 4286474136

■ 4282908824

■ 4287002264

■ 4287530392

■ 4288058520

■ 4288586648

■ 4289115032

■ 4289643160

# Harmonies

## Analogous

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



4278210734



4284889496



4287895407

# Triad

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



4284889496



4286202368



4278215777

# Complementary

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



4284889496



4285241401

# 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.



4278215216



4284889496



4283585536

# Square

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



4284889496



4288030738



4279459072



4278215566

# Rectangle

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



4284889496



4288610640



4279459072



4278215761



# Sweetspot

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



4284889496



4289830852



4281953432



4283911523



4293125091



4284703587



# Same Dimension

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



4284889496



4286001604



4287969688



4282926413



4282515596



4278583309



# Inverse Universe

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



4288166251



4291047807



4282161209



4283254089



4287365194

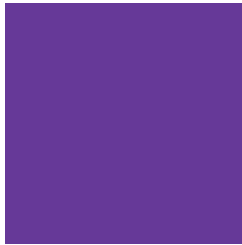


4279042055



# Previews

## White Background



This preview shows how the Android color 4284889496 looks on a white background.

## Color Contrast Check

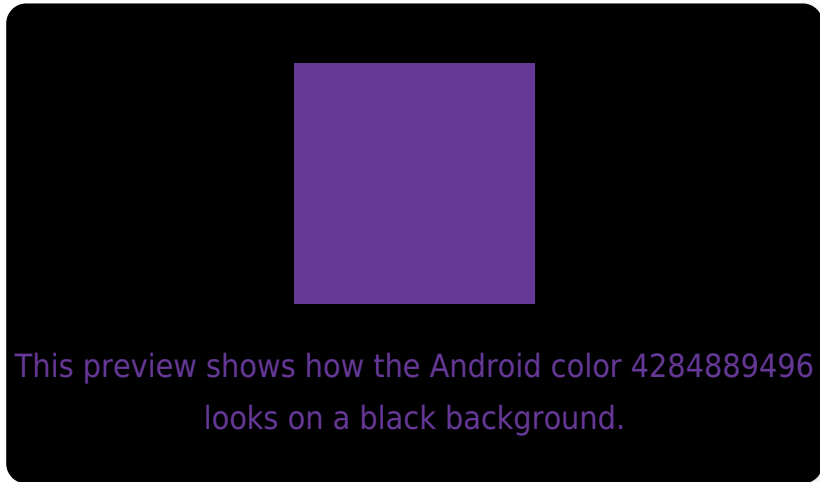
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284889496 Background



This preview shows how black text looks on a background with the Android color 4284889496.

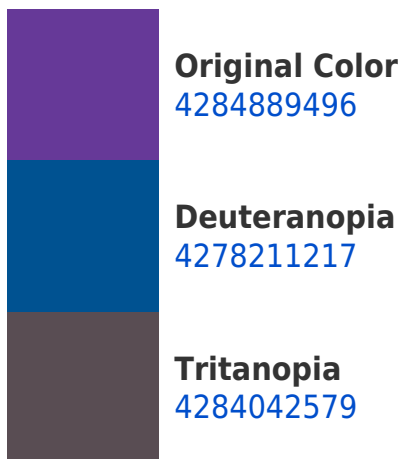


This preview shows how white text looks on a background with the Android color 4284889496.

# 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



# Trichromacy



**Original Color**

4284889496

**Deuteranomaly**

4280633748

**Tritanomaly**

4284368492

# Monochromacy



**Original Color**

4284889496

**Achromatopsia**

4283519313

**Achromatomaly**

4284041323

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284889496 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(102, 57, 152)` looks like.

```
.text, #text, p{  
    color:rgb(102, 57, 152)  
}
```

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(102, 57, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 57, 152) }
```

## Border

The CSS property to change the border of an element to Android 4284889496 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(102, 57, 152) }
```

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

```
.border{ border-color:rgb(102, 57, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 57, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 57, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 57, 152);  
box-shadow:4px 4px 4px 4px rgb(102, 57,  
152) }
```

# Background

The CSS property to change the background color of an element to Android 4284889496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 57, 152) }
```

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

```
.background{ background-color: rgb(102, 57,  
152) }
```

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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