

# Converting Colors

Android(4285880995)

Have a look what the booklet for  
Android(4285880995) contains.

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# Color

**Android(4285880995)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 755AA3                     |
| RGB         | 117, 90, 163               |
| RGB Percent | 46%, 35%, 64%              |
| CMY         | 0.5412, 0.6471, 0.3608     |
| CMYK        | 0.28, 0.45, 0.00, 0.36     |
| HSL         | 262°, 29%, 50%             |
| HSV         | 262°, 45%, 64%             |
| XYZ         | 17.6031, 13.7386, 36.3744  |
| YIQ         | 106.3950, -7.3410, 28.4270 |

# Conversions

## Conversions Part 2

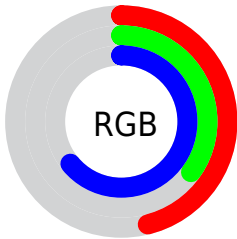
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 117, 90, 163                  |
| Decimal                             | 7690915                       |
| CIE <sub>Lab</sub>                  | 43.86, 27.01, -35.57          |
| CIE <sub>LCh</sub>                  | 44, 44.665, 307.205           |
| Yxy                                 | 13.7386, 0.2600,<br>0.2029    |
| Android<br>(android.graphics.Color) | 4285880995<br>(0xFF755AA3)    |
| YUV                                 | 106.3950, 27.9063,<br>9.3006  |
| Hunter-Lab                          | 37.0656, 19.9082,<br>-32.2384 |

# Details

The Android color `4285880995` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4287144794`, and the grayscale version is `4285164138`.

A 20% lighter version of the original color is `4289433050`, and `4282526575` is the 20% darker color. If you saturate the color by 10%, you get `4285221539`, and if you desaturate by 10%, it is `4286540451`.

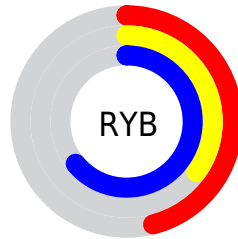
# Distribution



Red (46%)

Green (35%)

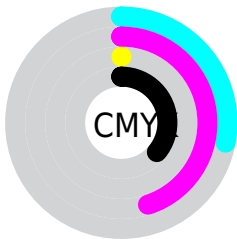
Blue (64%)



Red (46%)

Yellow (35%)

Blue (64%)

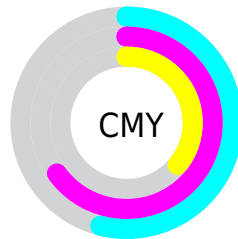


Cyan (28%)

Magenta (45%)

Yellow (0%)

Black (36%)



Cyan (54%)

Magenta (65%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285880995 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 4285880995 by changing the saturation by 10% instead.





4285880995



4285880995

4294967295



4284170888



4289433050



4282526575



4291274743



4280882774



4293116671



4279304254



4294958847



4278190632



4294966271



4278190353



4278190080



4285880995



4285880995



4285221539



4286540451

4284496291

4287265699

4283836835

4287925155

4283177379

4288584611

4282517923

4289244323

4282122403

4289969315

4290628771

4291288227

4291947939

# Harmonies

## Analogous

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



4280904113



4285880995



4288367493

# Triad

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



4285880995



4287781665



4278221424

# Complementary

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



4285880995



4287144794

# 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.



4278220873



4285880995



4285753622

# Square

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



4285880995



4289088829



4283200040



4278220948

# Rectangle

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



4285880995



4289217901



4283200040



4278221155



# Sweetspot

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



4285880995



4290951380



4284123299



4284504683



4293651435



4285229931



# Same Dimension

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



4285880995



4287390164



4288240291



4283189586



4281729169



4278648850



# Inverse Universe

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



4288895624



4292108713



4284785498



4283582799



4287692892

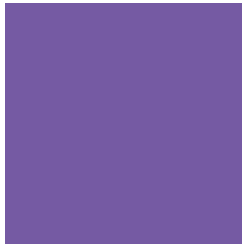


4279369739



# Previews

## White Background



This preview shows how the Android color 4285880995 looks on a white background.

## Color Contrast Check

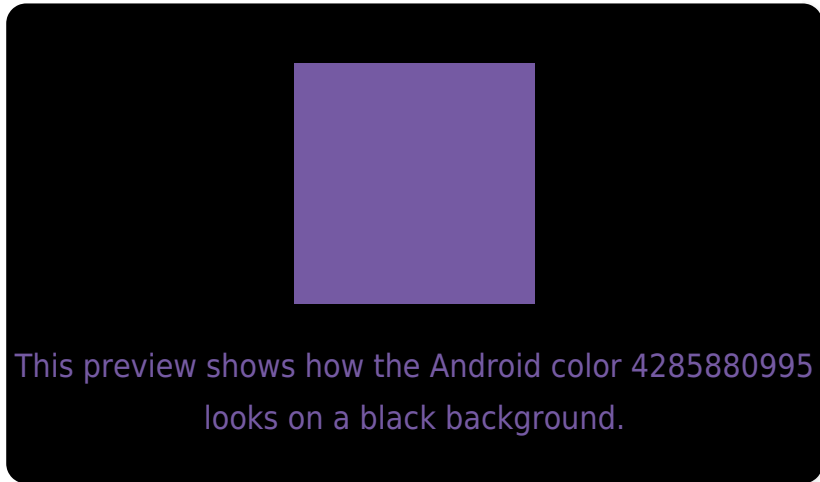
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 4285880995 Background



This preview shows how black text looks on a background with the Android color 4285880995.



This preview shows how white text looks on a background with the Android color 4285880995.

# 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**  
4285880995

**Protanomaly**  
4284113321

**Deuteranomaly**  
4284113825

**Tritanomaly**  
4285489793

# Monochromacy



**Original Color**  
4285880995

**Achromatopsia**  
4285164138

**Achromatomaly**  
4285424767

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285880995 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(117, 90, 163)` looks like.

```
.text, #text, p{  
    color:rgb(117, 90, 163)  
}
```

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(117, 90, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 90, 163) }
```

## Border

The CSS property to change the border of an element to Android 4285880995 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(117, 90, 163) }
```

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

```
.border{ border-color:rgb(117, 90, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 90, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 90, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 90, 163); box-shadow:4px 4px 4px 4px rgb(117, 90, 163) }
```

# Background

The CSS property to change the background color of an element to Android 4285880995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 90, 163) }
```

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

```
.background{ background-color: rgb(117, 90,  
163) }
```

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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