

Converting Colors

Android(4285945765)

Have a look what the booklet for
Android(4285945765) contains.

Android(4285945765)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4285945765)

Conversions

Conversions Part 1

Format	Color
Hex	7657A5
RGB	118, 87, 165
RGB Percent	46%, 34%, 65%
CMY	0.5373, 0.6588, 0.3529
CMYK	0.28, 0.47, 0.00, 0.35
HSL	264°, 31%, 49%
HSV	264°, 47%, 65%
XYZ	17.6709, 13.3846, 37.2494
YIQ	105.1610, -6.5620, 30.8300

Conversions

Conversions Part 2

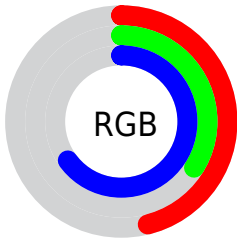
Format	Color
R _Y B	118, 87, 165
Decimal	7755685
CIE Lab	43.34, 29.61, -37.57
CIE LCh	43, 47.837, 308.239
Yxy	13.3846, 0.2587, 0.1960
Android (android.graphics.Color)	4285945765 (0xFF7657A5)
YUV	105.1610, 29.5006, 11.2598
Hunter-Lab	36.5849, 22.1940, -34.7575

Details

The Android color `4285945765` is a dark color, and the websafe version is hex `9966CC`. A complement of this color would be `4287014231`, and the grayscale version is `4285098345`.

A 20% lighter version of the original color is `4289497564`, and `4282525809` is the 20% darker color. If you saturate the color by 10%, you get `4285286053`, and if you desaturate by 10%, it is `4286605221`.

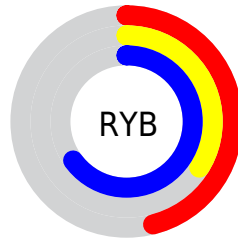
Distribution



Red (46%)

Green (34%)

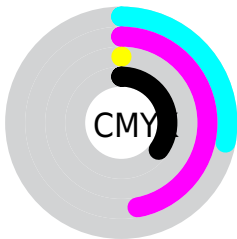
Blue (65%)



Red (46%)

Yellow (34%)

Blue (65%)

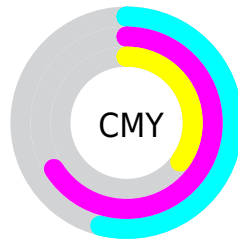


Cyan (28%)

Magenta (47%)

Yellow (0%)

Black (35%)



Cyan (54%)

Magenta (66%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285945765 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 4285945765 by changing the saturation by 10% instead.



4285945765



4285945765

4294967295



4284235658



4289497564



4282525809



4291339513



4280881752



4293246975



4279304256



4294958079



4278190633



4294965503



4278190355



4278190080



4285945765



4285945765



4285286053



4286605221

■ 4284626597

■ 4287264933

■ 4283966885

■ 4287924645

■ 4283307429

■ 4288584101

■ 4282647717

■ 4289243813

■ 4282515621

■ 4289903269

■ 4290562981

■ 4291222437

■ 4291816357

Harmonies

Analogous

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



4280182709



4285945765



4288562821

Triad

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



4285945765



4287715864



4278221169

Complementary

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



4285945765



4287014231

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.



4278220615



4285945765



4285556746

Square

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



4285945765



4289218871



4282806819



4278220951

Rectangle

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



4285945765



4289413226



4282806819



4278221155

Sweetspot

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



4285945765



4291082454



4283926437



4284504427



4293651435



4285229931

Same Dimension

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



4285945765



4287454422



4288436133



4283255122



4281991313



4278648850

Inverse Universe

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



4289025926



4292238502



4284523863



4283582798



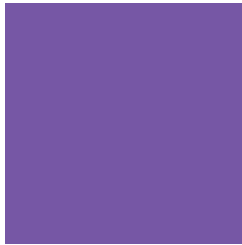
4287692888



4279369739

Previews

White Background



This preview shows how the Android color 4285945765 looks on a white background.

Color Contrast Check

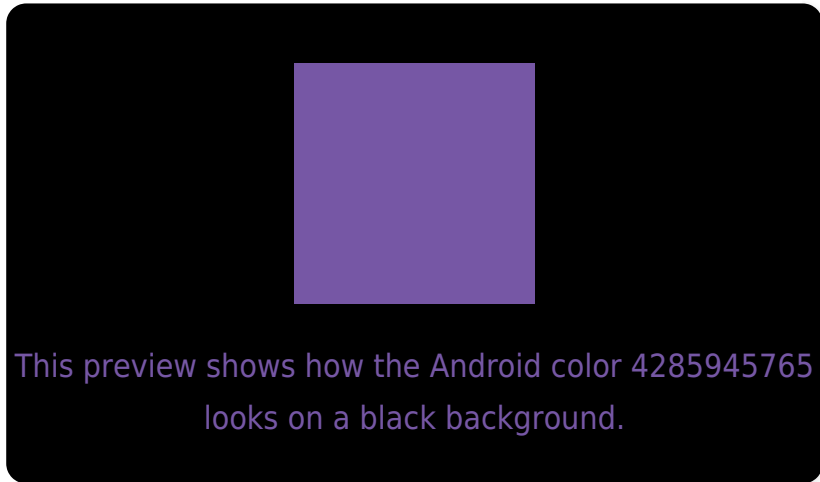
Large Text (above 18pt) WCAG AA ✓ Pass

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 4285945765 Background



This preview shows how black text looks on a background with the Android color 4285945765.




This preview shows how white text looks on a background with the Android color 4285945765.

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





Tritanopia
4285228140

Trichromacy



Original Color
4285945765

Protanomaly
4283850669

Deuteranomaly
4283916707

Tritanomaly
4285489025

Monochromacy



Original Color
4285945765

Achromatopsia
4285098345

Achromatomaly
4285424255

CSS Examples

Text

The CSS property to change the color of the text to Android 4285945765 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(118, 87, 165)` looks like.

```
.text, #text, p{  
    color:rgb(118, 87, 165)  
}
```

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(118, 87, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 87, 165) }
```

Border

The CSS property to change the border of an element to Android 4285945765 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(118, 87, 165) }
```

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

```
.border{ border-color:rgb(118, 87, 165) }
```

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

Here you see how a box with a 4 pixel rgb(118, 87, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 87, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 87, 165);  
box-shadow:4px 4px 4px 4px rgb(118, 87,  
165) }
```

Background

The CSS property to change the background color of an element to Android 4285945765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 87, 165) }
```

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

```
.background{ background-color: rgb(118, 87,  
165) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor