

Converting Colors

Android(4278667685)

Have a look what the booklet for
Android(4278667685) contains.

Android(4278667685)	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(4278667685)

Conversions

Conversions Part 1

Format	Color
Hex	0749A5
RGB	7, 73, 165
RGB Percent	3%, 29%, 65%
CMY	0.9725, 0.7137, 0.3529
CMYK	0.96, 0.56, 0.00, 0.35
HSL	215°, 92%, 34%
HSV	215°, 96%, 65%
XYZ	9.2617, 7.5269, 36.5620
YIQ	63.7540, -68.8680, 14.6200

Conversions

Conversions Part 2

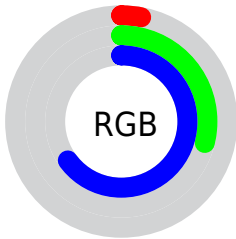
Format	Color
RYB	7, 54, 165
Decimal	477605
CIELab	32.98, 18.97, -54.57
CIElCh	33, 57.773, 289.174
Yxy	7.5269, 0.1736, 0.1411
Android (android.graphics.Color)	4278667685 (0xFF0749A5)
YUV	63.7540, 49.9143, -49.7733
Hunter-Lab	27.4351, 12.2475, -59.8094

Details

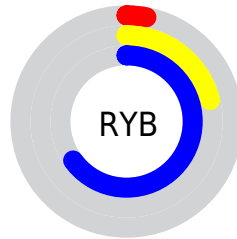
The Android color `4278667685` is a dark color, and the websafe version is hex `3366CC`. A complement of this color would be `4289028871`, and the grayscale version is `4282335039`.

A 20% lighter version of the original color is `4284119517`, and `4278198128` is the 20% darker color. If you saturate the color by 10%, you get `4278207909`, and if you desaturate by 10%, it is `4279784357`.

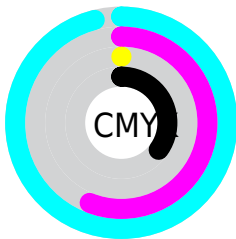
Distribution



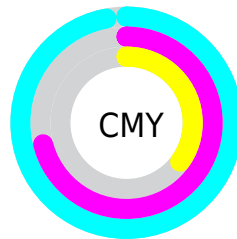
- Red (3%)
- Green (29%)
- Blue (65%)



- Red (3%)
- Yellow (21%)
- Blue (65%)



- Cyan (96%)
- Magenta (56%)
- Yellow (0%)
- Black (35%)



- Cyan (97%)
- Magenta (71%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278667685 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 4278667685 by changing the saturation by 10% instead.



4278667685



4278667685

4294967295



4278203274



4284119517



4278198128



4286092026



4278192215



4287999487



4278191679



4289972479



4278190888



4291945727



4278190354



4293853183



4278190080



4278667685



4278667685



4278207909



4279784357

■ 4280835237

■ 4281951909

■ 4283002789

■ 4284119461

■ 4285170597

■ 4286221477

■ 4287338149

■ 4288389029

Harmonies

Analogous

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



4278212776



4278667685



4285673610

Triad

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



4278667685



4287311619



4278214715

Complementary

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



4278667685



4289028871

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.



4278213636



4278667685



4285351424

Square

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



4278667685



4288352051



4282668032



4278215018

Rectangle

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



4278667685



4287437423



4282668032



4278214443

Sweetspot

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



4278667685



4288197334



4278691169



4282799467



4293651435



4285229931

Same Dimension

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



4278667685



4278213078



4279371685



4282994002



4278205841



4278191890

Inverse Universe

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



4289005385



4292214873



4288324871



4283582797



4287692861



4279369735

Previews

White Background



This preview shows how the Android color 4278667685 looks on a white background.

Color Contrast Check

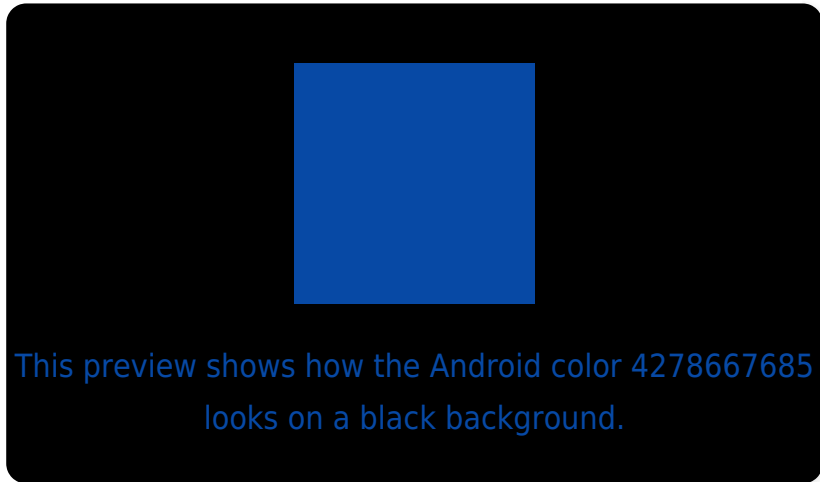
Large Text (above 18pt) WCAG AA ✓ Pass

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

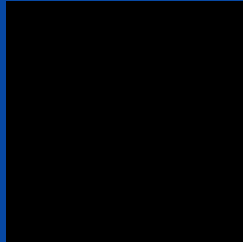
Any Text WCAG AA × Fail

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 4278667685 Background



This preview shows how black text looks on a background with the Android color 4278667685.



This preview shows how white text looks on a background with the Android color 4278667685.

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

4278667685

Protanopia

4278209439

Deuteranopia

4278210697

Trichromacy



Original Color
4278667685

Protanomaly
4278405793

Deuteranomaly
4278406547

Tritanomaly
4278407542

Monochromacy



Original Color
4278667685

Achromatopsia
4282400832

Achromatomaly
4281025381

CSS Examples

Text

The CSS property to change the color of the text to Android 4278667685 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(7, 73, 165)` looks like.

```
.text, #text, p{  
    color:rgb(7, 73, 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(7, 73, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 73, 165) }
```

Border

The CSS property to change the border of an element to Android 4278667685 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(7, 73, 165) }
```

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

```
.border{ border-color:rgb(7, 73, 165) }
```

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

Here you see how a box with a 4 pixel rgb(7, 73, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 73, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 73, 165);  
box-shadow:4px 4px 4px 4px rgb(7, 73, 165)  
}
```

Background

The CSS property to change the background color of an element to Android 4278667685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 73, 165) }
```

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

```
.background{ background-color: rgb(7, 73,  
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