

Converting Colors

Android(4283645018)

Have a look what the booklet for
Android(4283645018) contains.

Android(4283645018)	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(4283645018)

Conversions

Conversions Part 1

Format	Color
Hex	533C5A
RGB	83, 60, 90
RGB Percent	33%, 24%, 35%
CMY	0.6745, 0.7647, 0.6471
CMYK	0.08, 0.33, 0.00, 0.65
HSL	286°, 20%, 29%
HSV	286°, 33%, 35%
XYZ	7.0286, 5.8089, 10.4236
YIQ	70.2970, 4.0780, 14.2060

Conversions

Conversions Part 2

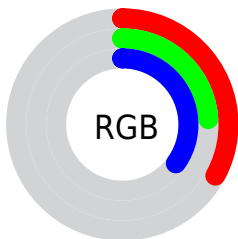
Format	Color
RYB	83, 60, 90
Decimal	5454938
CIELab	28.93, 16.23, -14.03
CIELCh	29, 21.453, 319.141
Yxy	5.8089, 0.3022, 0.2497
Android (android.graphics.Color)	4283645018 (0xFF533C5A)
YUV	70.2970, 9.7136, 11.1405
Hunter-Lab	24.1017, 9.8768, -8.7710

Details

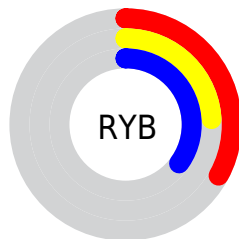
The Android color `4283645018` is a dark color, and the websafe version is hex `663366`. A complement of this color would be `4282604092`, and the grayscale version is `4282795590`.

A 20% lighter version of the original color is `4286934156`, and `4280619308` is the 20% darker color. If you saturate the color by 10%, you get `4283511642`, and if you desaturate by 10%, it is `4283778394`.

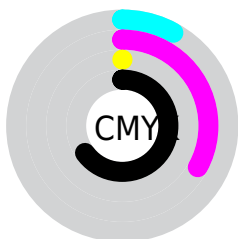
Distribution



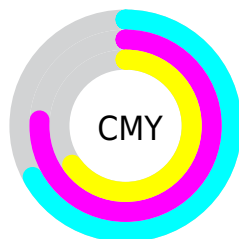
- Red (33%)
- Green (24%)
- Blue (35%)



- Red (33%)
- Yellow (24%)
- Blue (35%)



- Cyan (8%)
- Magenta (33%)
- Yellow (0%)
- Black (65%)



- Cyan (67%)
- Magenta (76%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283645018 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 4283645018 by changing the saturation by 10% instead.



4283645018



4283645018

4294967295



4282132034



4286934156



4280619308



4288644519



4279173144



4290420674



4278190080



4292262622



4294170362



4294963967



4283645018



4283645018



4283511642



4283778394

■ 4283378266

■ 4283911770

■ 4283244890

■ 4284045146

■ 4283111514

■ 4284178522

■ 4282978138

■ 4284377434

■ 4282779226

■ 4284510810

■ 4282712154

■ 4284644186

■ 4284777562

■ 4284910938

Harmonies

Analogous

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



4282204771



4283645018



4284495947

Triad

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



4283645018



4283711779



4278209870

Complementary

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



4283645018



4282604092

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.



4279913789



4283645018



4282664740

Square

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



4283645018



4284496684



4281420334



4278209373

Rectangle

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



4283645018



4284757824



4281420334



4278472009

Sweetspot

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



4283645018



4285753973



4282139482



4281939003



4290427578



4282071867

Same Dimension

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



4283645018



4285154933



4284103762



4281149742



4283695214



4290117869

Inverse Universe

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



4284103747



4285875793



4282145348



4281215274



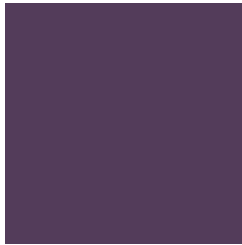
4285399066



4293722167

Previews

White Background



This preview shows how the Android color 4283645018 looks on a white background.

Color Contrast Check

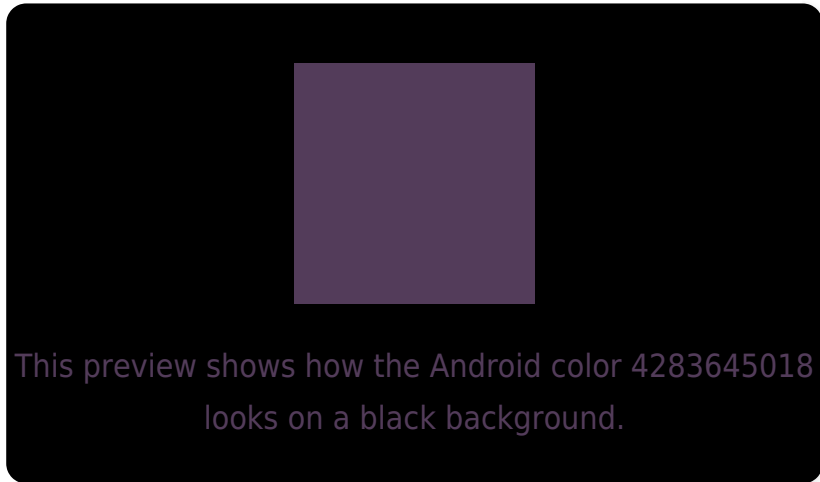
Large Text (above 18pt) WCAG AA ✓ Pass

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

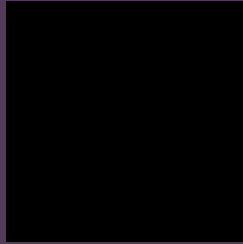
Any Text WCAG AA × Fail

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 4283645018 Background



This preview shows how black text looks on a background with the Android color 4283645018.



This preview shows how white text looks on a background with the Android color 4283645018.

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](#).

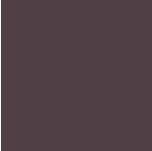
Dichromacy



Original Color
4283645018

Protanopia
4282139488

Deuteranopia
4282401625



Tritanopia
4283449413

Trichromacy



Original Color

4283645018

Protanomaly

4282663006

Deuteranomaly

4282859609

Tritanomaly

4283514701

Monochromacy



Original Color

4283645018

Achromatopsia

4282795590

Achromatomaly

4283122253

CSS Examples

Text

The CSS property to change the color of the text to Android 4283645018 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(83, 60, 90)` looks like.

```
.text, #text, p{  
    color:rgb(83, 60, 90)  
}
```

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(83, 60, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 60, 90) }
```

Border

The CSS property to change the border of an element to Android 4283645018 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(83, 60, 90) }
```

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

```
.border{ border-color:rgb(83, 60, 90) }
```

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

Here you see how a box with a 4 pixel rgb(83, 60, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 60, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 60, 90);  
box-shadow:4px 4px 4px 4px rgb(83, 60, 90)  
}
```

Background

The CSS property to change the background color of an element to Android 4283645018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 60, 90) }
```

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

```
.background{ background-color: rgb(83, 60,  
90) }
```

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