

Converting Colors

Android(4283327617)

Have a look what the booklet for
Android(4283327617) contains.

Android(4283327617)	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(4283327617)

Conversions

Conversions Part 1

Format	Color
Hex	4E6481
RGB	78, 100, 129
RGB Percent	31%, 39%, 51%
CMY	0.6941, 0.6078, 0.4941
CMYK	0.40, 0.22, 0.00, 0.49
HSL	214°, 25%, 41%
HSV	214°, 40%, 51%
XYZ	11.6615, 12.3190, 22.5321
YIQ	96.7280, -22.4210, 4.3550

Conversions

Conversions Part 2

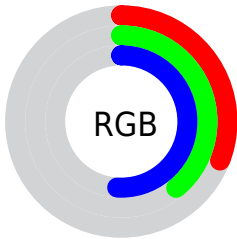
Format	Color
R_{YB}	78, 93, 129
Decimal	5137537
CIE _{Lab}	41.72, -0.34, -18.78
CIE _{LCh}	42, 18.786, 268.976
Yxy	12.3190, 0.2507, 0.2649
Android (android.graphics.Color)	4283327617 (0xFF4E6481)
YUV	96.7280, 15.9101, -16.4245
Hunter-Lab	35.0985, -2.1155, -13.4933

Details

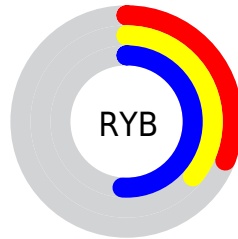
The Android color `4283327617` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4286671694`, and the grayscale version is `4284572001`.

A 20% lighter version of the original color is `4286683062`, and `4280104528` is the 20% darker color. If you saturate the color by 10%, you get `4282473857`, and if you desaturate by 10%, it is `4284181377`.

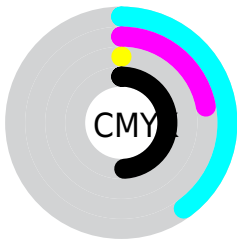
Distribution



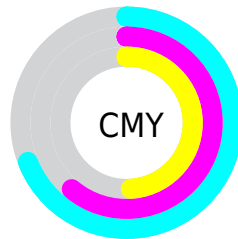
- Red (31%)
- Green (39%)
- Blue (51%)



- Red (31%)
- Yellow (36%)
- Blue (51%)



- Cyan (40%)
- Magenta (22%)
- Yellow (0%)
- Black (49%)



- Cyan (69%)
- Magenta (61%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283327617 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 4283327617 by changing the saturation by 10% instead.



4283327617



4283327617

4294967295



4281748584



4286683062



4280104528



4288393682



4278329401



4290235886



4278192163



4292078079



4278190091



4293918719



4278190080



4283327617



4283327617



4282473857



4284181377



4281619841



4285035393

■ 4280766081

■ 4285889153

■ 4279912321

■ 4286742913

■ 4279123841

■ 4287596929

■ 4278270081

■ 4288385153

■ 4278204545

■ 4289238913

■ 4290092929

■ 4290946689

Harmonies

Analogous

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



4282017916



4283327617



4284768125

Triad

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



4283327617



4286666836



4283197778

Complementary

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



4283327617



4286671694

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.



4284376647



4283327617



4286274632

Square

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



4283327617



4286601060



4285423940



4282084193

Rectangle

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



4283327617



4285619063



4285423940



4283590734

Sweetspot

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



4283327617



4287929768



4283335019



4282928468



4292138196



4283716692

Same Dimension

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



4283327617



4284054440



4283518593



4281941056



4278204288



4278190080

Inverse Universe

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



4286664292



4289223035



4286480718



4282399036



4286578743



4278190080

Previews

White Background



This preview shows how the Android color 4283327617 looks on a white background.

Color Contrast Check

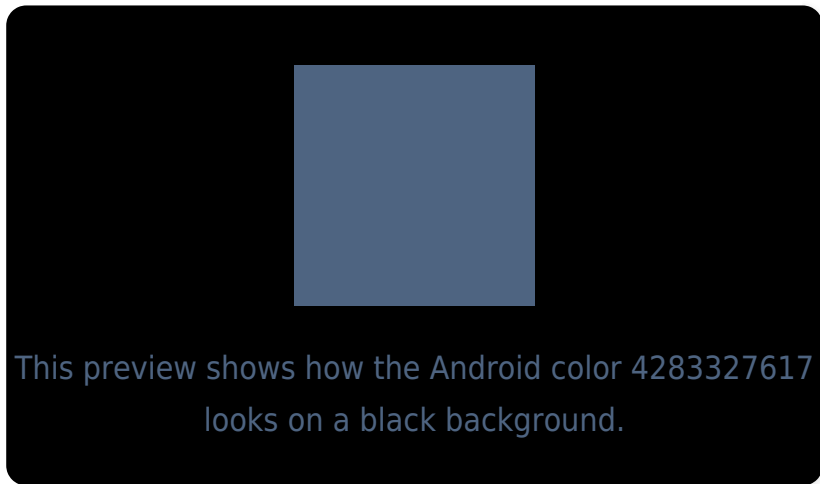
Large Text (above 18pt) WCAG AA ✓ Pass

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

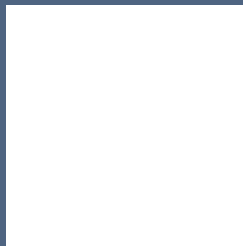
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4283327617 Background



This preview shows how black text looks on a background with the Android color 4283327617.

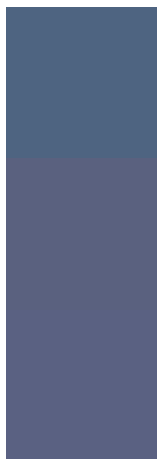


This preview shows how white text looks on a background with the Android color 4283327617.

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
4283327617

Protanopia
4284113279

Deuteranopia
4284113282

Trichromacy



Original Color

4283327617

Protanomaly

4283851392

Deuteranomaly

4283851394

Tritanomaly

4283131510

Monochromacy



Original Color

4283327617

Achromatopsia

4284572001

Achromatomaly

4284113517

CSS Examples

Text

The CSS property to change the color of the text to Android 4283327617 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(78, 100, 129)` looks like.

```
.text, #text, p{  
    color:rgb(78, 100, 129)  
}
```

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(78, 100, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 100, 129) }
```

Border

The CSS property to change the border of an element to Android 4283327617 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(78, 100, 129) }
```

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

```
.border{ border-color:rgb(78, 100, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 100, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 100, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 100, 129);  
box-shadow:4px 4px 4px 4px rgb(78, 100,  
129) }
```

Background

The CSS property to change the background color of an element to Android 4283327617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 100, 129) }
```

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

```
.background{ background-color: rgb(78, 100,  
129) }
```

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