

Converting Colors

Android(4281677653)

Have a look what the booklet for
Android(4281677653) contains.

Android(4281677653)	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(4281677653)

Conversions

Conversions Part 1

Format	Color
Hex	353755
RGB	53, 55, 85
RGB Percent	21%, 22%, 33%
CMY	0.7922, 0.7843, 0.6667
CMYK	0.38, 0.35, 0.00, 0.67
HSL	236°, 23%, 27%
HSV	236°, 38%, 33%
XYZ	4.4741, 4.1451, 9.1586
YIQ	57.8220, -10.8220, 8.9060

Conversions

Conversions Part 2

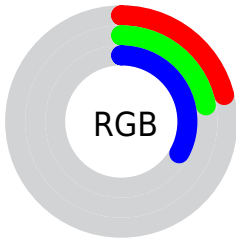
Format	Color
R _Y B	53, 55, 85
Decimal	3487573
CIE Lab	24.15, 7.49, -18.41
CIE LCh	24, 19.880, 292.141
Yxy	4.1451, 0.2517, 0.2332
Android (android.graphics.Color)	4281677653 (0xFF353755)
YUV	57.8220, 13.3988, -4.2289
Hunter-Lab	20.3596, 3.5965, -12.4194

Details

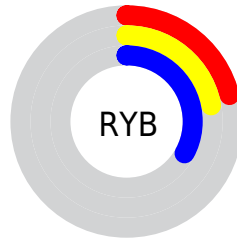
The Android color **4281677653** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4283781941**, and the grayscale version is **4282006074**.

A 20% lighter version of the original color is **4284835463**, and **4278782760** is the 20% darker color. If you saturate the color by 10%, you get **4281151317**, and if you desaturate by 10%, it is **4282203989**.

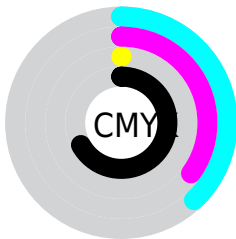
Distribution



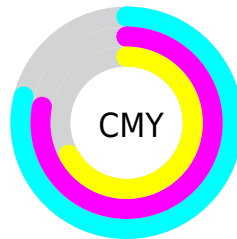
- Red (21%)
- Green (22%)
- Blue (33%)



- Red (21%)
- Yellow (22%)
- Blue (33%)



- Cyan (38%)
- Magenta (35%)
- Yellow (0%)
- Black (67%)



- Cyan (79%)
- Magenta (78%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281677653 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 4281677653 by changing the saturation by 10% instead.

■ 4281677653

■ 4281677653

4294967295

■ 4280164926

■ 4284835463

■ 4278782760

■ 4286480289

■ 4278190354

■ 4288190908

■ 4278190080

■ 4289967064

■ 4291809268

■ 4293651455

■ 4281677653

■ 4281677653

■ 4281151317

■ 4282203989

■ 4280559445

■ 4282795861

■ 4280033109

■ 4283322197

■ 4279441237

■ 4283914069

■ 4278849365

■ 4284440405

■ 4278323029

■ 4285032277

■ 4278191445

■ 4285624149

■ 4286150485

■ 4286676821

Harmonies

Analogous

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



4279909463



4281677653



4282921292

Triad

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



4281677653



4283511330



4279255349

Complementary

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



4281677653



4283781941

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.



4280696615



4281677653



4282791708

Square

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



4281677653



4283837999



4281875485



4278206788

Rectangle

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



4281677653



4283510595



4281875485



4279779632

Sweetspot

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



4281677653



4284637806



4281685331



4281413944



4290295992



4281874488

Same Dimension

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



4281677653



4282138478



4282594645



4280756011



4278191979



4278194155

Inverse Universe

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



4283774263



4285414463



4282864949



4281018151



4285202439



4293591055

Previews

White Background



This preview shows how the Android color 4281677653 looks on a white background.

Color Contrast Check

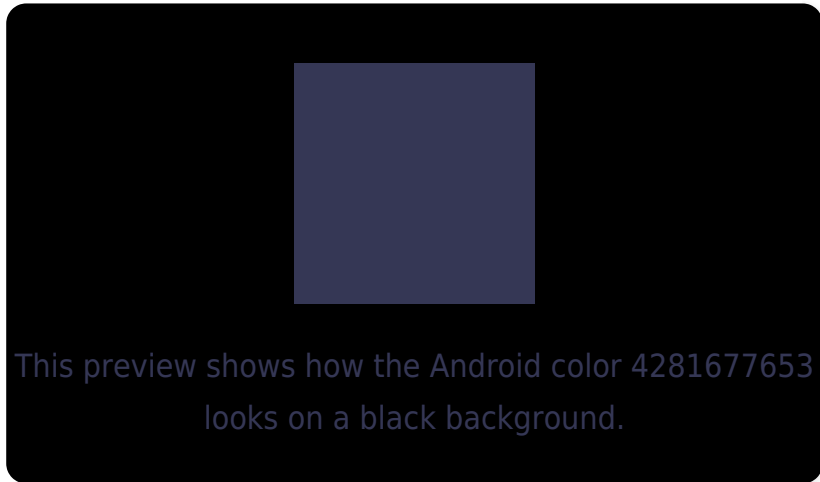
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281677653 Background



This preview shows how black text looks on a background with the Android color 4281677653.

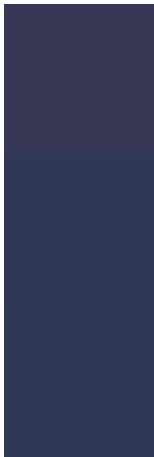


This preview shows how white text looks on a background with the Android color 4281677653.

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
4281677653

Protanopia
4281284694

Deuteranopia
4281219413



Tritanopia
4281350976

Trichromacy



Original Color

4281677653

Protanomaly

4281415766

Deuteranomaly

4281415765

Tritanomaly

4281481800

Monochromacy



Original Color

4281677653

Achromatopsia

4282006074

Achromatomaly

4281874756

CSS Examples

Text

The CSS property to change the color of the text to Android 4281677653 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(53, 55, 85)` looks like.

```
.text, #text, p{  
    color:rgb(53, 55, 85)  
}
```

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(53, 55, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 55, 85) }
```

Border

The CSS property to change the border of an element to Android 4281677653 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(53, 55, 85) }
```

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

```
.border{ border-color:rgb(53, 55, 85) }
```

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

Here you see how a box with a 4 pixel rgb(53, 55, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 55, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 55, 85);  
box-shadow:4px 4px 4px 4px rgb(53, 55, 85)  
}
```

Background

The CSS property to change the background color of an element to Android 4281677653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 55, 85) }
```

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

```
.background{ background-color: rgb(53, 55,  
85) }
```

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