Converting Colors

Android(4280704583)

Have a look what the booklet for Android(4280704583) contains.

Color

Android(4280704583)

Conversions

Conversions Part 1

Format	Color
Hex	265E47
RGB	38, 94, 71
RGB Percent	15%, 37%, 28%
CMY	0.8510, 0.6314, 0.7216
CMYK	0.60, 0.00, 0.24, 0.63
HSL	155°, 42%, 26%
HSV	155°, 60%, 37%
XYZ	5.9394, 8.8724, 7.3607
YIQ	74.6340, -25.9930, -19.0250

Conversions

Conversions Part 2

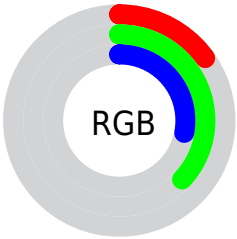
Format	Color
RYB	38, 73, 94
Decimal	2514503
CIELab	35.74, -24.59, 7.73
CIELCh	36, 25.779, 162.554
Yxy	8.8724, 0.2679, 0.4002
Android (android.graphics.Color)	4280704583 (0xFF265E47)
YUV	74.6340, -1.7916, -32.1280
Hunter-Lab	29.7866, -16.5341, 6.1991

Details

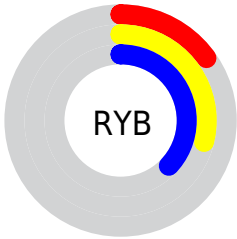
The Android color 4280704583 is a dark color, and the websafe version is hex 006666. A complement of this color would be 4284360253, and the grayscale version is 4283124555.

A 20% lighter version of the original color is 4284060023, and 4278202140 is the 20% darker color. If you saturate the color by 10%, you get 4280114755, and if you desaturate by 10%, it is 4281294411.

Distribution

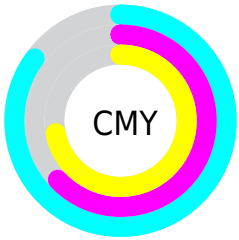


- Red (15%)
- Green (37%)
- Blue (28%)



- Red (15%)
- Yellow (29%)
- Blue (37%)

- Cyan (60%)
- Magenta (0%)
- Yellow (24%)
- Black (63%)



- Cyan (85%)
- Magenta (63%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280704583 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 4280704583 by changing the saturation by 10% instead.

4280704583

4294967295

4284060023

4285705361

4287481772

4289258439

4291100643

4292935679

4294836223

4280704583

4280704583

4278797873

4278202140

4278197249

4278190080

4280704583

4280704583

4280114755

4279459391

4278869563

4278214200

4278214199

4281294411

4281949775

4282539603

4283194966

4283784794

4284374622

4285029986

4285619814

4286275178

Harmonies

Analogous

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

4282538805

4280704583

4278214492

Triad

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

4280704583

4282602364

4286072889

Complementary

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

4280704583

4284360253

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.

4286334028

4280704583

4284566387

Square

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

4280704583

4279851643

4285810017

4285222701

Rectangle

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

4280704583

4278214250

4285810017

4286203455

Sweetspot

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

4280704583

4284775025

4282211878

4281351480

4290624957

4282203453

Same Dimension

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

4280704583

4280515159

4280703326

4280888876

4278218305

4278250892

Inverse Universe

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

4284360253

4286194503

4284361510

4281215275

4285399085

4293722209

Previews

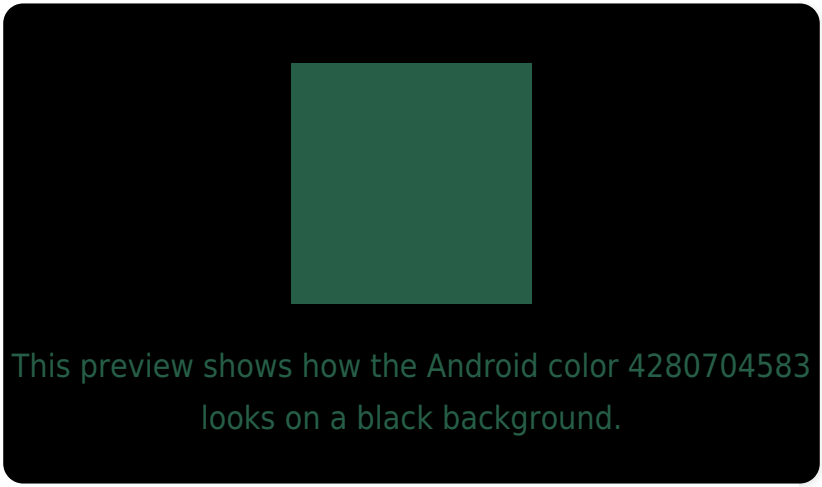
White Background

This preview shows how the Android color 4280704583 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

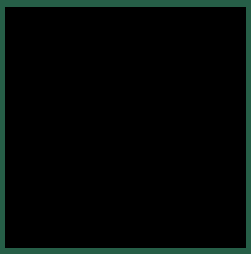


Color Contrast Check

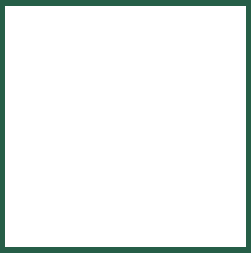
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

Android 4280704583 Background



This preview shows how black text looks on a background with the Android color 4280704583.



This preview shows how white text looks on a background with the Android color 4280704583.

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
4280704583

Protanopia
4284044354

Deuteranopia
4284436810

Tritanopia
4281293410

Trichromacy

Original Color
4280704583

Protanomaly
4282800196

Deuteranomaly
4283061833

Tritanomaly
4281097048

Monochromacy

Original Color
4280704583

Achromatopsia
4283124555

Achromatomaly
4282274378

CSS Examples

Text

The CSS property to change the color of the text to Android 4280704583 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(38, 94, 71) looks like.

```
.text, #text, p{
    color:rgb(38, 94, 71)
}
```

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(38, 94, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 94, 71) }
```

Border

The CSS property to change the border of an element to Android 4280704583 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(38, 94, 71) }
```

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

```
.border{ border-color:rgb(38, 94, 71) }
```

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

Here you see how a box with a 4 pixel rgb(38, 94, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(38, 94, 71); -webkit-box-shadow:4px 4px 4px 4px rgb(38, 94, 71); box-shadow:4px 4px 4px 4px rgb(38, 94, 71) }
```

Background

The CSS property to change the background color of an element to Android 4280704583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(38, 94, 71) }
```

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

```
.background{ background-color:rgb(38, 94,
71) }
```

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.

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