

Converting Colors

Android(4280680550)

Have a look what the booklet for
Android(4280680550) contains.

Android(4280680550)	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(4280680550)

Conversions

Conversions Part 1

Format	Color
Hex	260066
RGB	38, 0, 102
RGB Percent	15%, 0%, 40%
CMY	0.8510, 1.0000, 0.6000
CMYK	0.63, 1.00, 0.00, 0.60
HSL	262°, 100%, 20%
HSV	262°, 100%, 40%
XYZ	3.1976, 1.3714, 12.6665
YIQ	22.9900, -10.0940, 39.7780

Conversions

Conversions Part 2

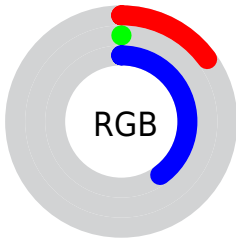
Format	Color
R_{YB}	38, 0, 102
Decimal	2490470
CIE _{Lab}	11.77, 41.73, -49.76
CIE _{LCh}	12, 64.943, 309.984
Yxy	1.3714, 0.1855, 0.0796
Android (android.graphics.Color)	4280680550 (0xFF260066)
YUV	22.9900, 38.9519, 13.1638
Hunter-Lab	11.7106, 28.2463, -55.9325

Details

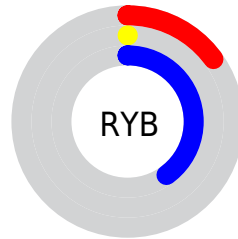
The Android color **4280680550** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **4282410496**, and the grayscale version is **4279703319**.

A 20% lighter version of the original color is **4284297882**, and **4278190134** is the 20% darker color. If you saturate the color by 10%, you get **4280680550**, and if you desaturate by 10%, it is **4281076326**.

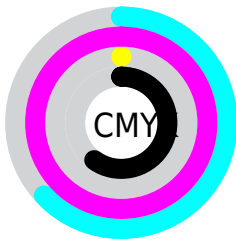
Distribution



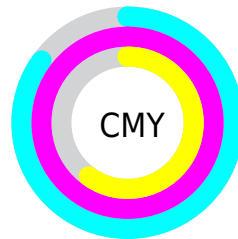
- Red (15%)
- Green (0%)
- Blue (40%)



- Red (15%)
- Yellow (0%)
- Blue (40%)



- Cyan (63%)
- Magenta (100%)
- Yellow (0%)
- Black (60%)



- Cyan (85%)
- Magenta (100%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280680550 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 4280680550 by changing the saturation by 10% instead.

 4280680550

 4280680550

 4294962175

 4278714445

 4284297882

 4278190134

 4286139317

 4278190623

 4287914961

 4278190083

 4289756654

 4278190080

 4291664127

 4293571583

 4294955007

 4280680550

■ 4281076326

■ 4281537638

■ 4281933670

■ 4282394982

■ 4282790758

■ 4283186534

■ 4283647846

■ 4284043878

■ 4284505190

Harmonies

Analogous

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



4278199163



4280680550



4284022847

Triad

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



4280680550



4282322688



4278201902

Complementary

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



4280680550



4282410496

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.



4278201600



4280680550



4279902720

Square

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



4280680550



4284022784



4278200832



4278202457

Rectangle

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



4280680550



4284743714



4278200832



4278201630

Sweetspot

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



4280680550



4285291909



4278206822



4281543234



4290953922



4282532418

Same Dimension

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



4280680550



4281401477



4283957350



4281347635



4281008243



4284088562

Inverse Universe

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



4284874816



4286906451



4279133696



4281544241



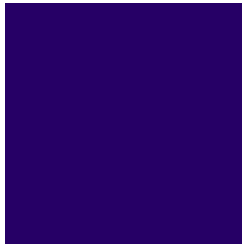
4285726792



4294049944

Previews

White Background



This preview shows how the Android color 4280680550 looks on a white background.

Color Contrast Check

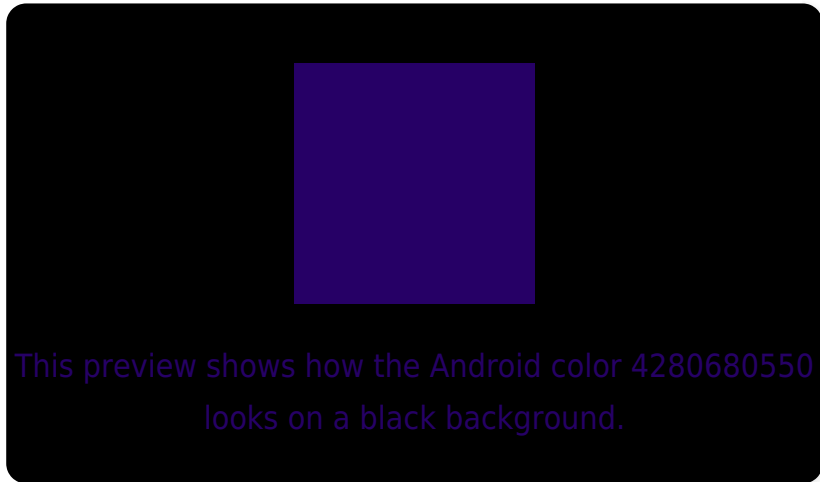
Large Text (above 18pt) WCAG AA ✓ Pass

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

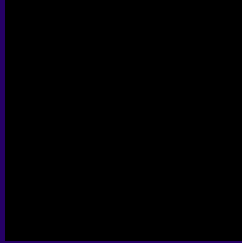
Any Text WCAG AA × Fail

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 4280680550 Background



This preview shows how black text looks on a background with the Android color 4280680550.



This preview shows how white text looks on a background with the Android color 4280680550.

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
4280680550

Protanopia
4278198856

Deuteranopia
4278199357

Trichromacy



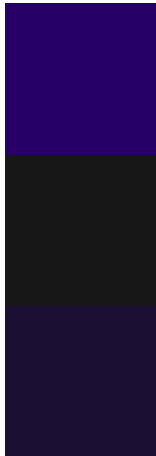
Original Color
4280680550

Protanomaly
4279113299

Deuteranomaly
4279113548

Tritanomaly
4279114048

Monochromacy



Original Color
4280680550

Achromatopsia
4279703319

Achromatomaly
4280028980

CSS Examples

Text

The CSS property to change the color of the text to Android 4280680550 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, 0, 102)` looks like.

```
.text, #text, p{  
    color:rgb(38, 0, 102)  
}
```

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, 0, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 0, 102) }
```

Border

The CSS property to change the border of an element to Android 4280680550 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, 0, 102) }
```

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

```
.border{ border-color:rgb(38, 0, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 0, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 0, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 0, 102);  
box-shadow:4px 4px 4px 4px rgb(38, 0, 102)  
}
```

Background

The CSS property to change the background color of an element to Android 4280680550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 0, 102) }
```

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

```
.background{ background-color: rgb(38, 0,  
102) }
```

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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