

Converting Colors

Android(4280549458)

Have a look what the booklet for
Android(4280549458) contains.

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Color

Android(4280549458)

Conversions

Conversions Part 1

Format	Color
Hex	240052
RGB	36, 0, 82
RGB Percent	14%, 0%, 32%
CMY	0.8588, 1.0000, 0.6784
CMYK	0.56, 1.00, 0.00, 0.68
HSL	266°, 100%, 16%
HSV	266°, 100%, 32%
XYZ	2.2505, 0.9843, 8.0540
YIQ	20.1120, -4.8660, 33.1340

Conversions

Conversions Part 2

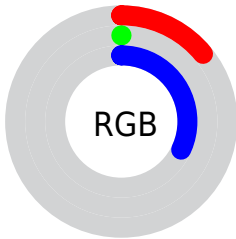
Format	Color
R_{YB}	36, 0, 82
Decimal	2359378
CIE Lab	8.86, 36.42, -41.09
CIE LCh	9, 54.912, 311.553
Yxy	0.9843, 0.1994, 0.0872
Android (android.graphics.Color)	4280549458 (0xFF240052)
YUV	20.1120, 30.5108, 13.9338
Hunter-Lab	9.9210, 23.1303, -41.1877

Details

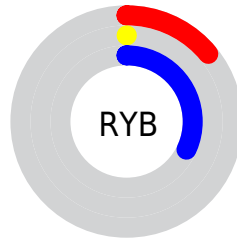
The Android color **4280549458** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **4281225728**, and the grayscale version is **4279505940**.

A 20% lighter version of the original color is **4283969412**, and **4278190628** is the 20% darker color. If you saturate the color by 10%, you get **4280549458**, and if you desaturate by 10%, it is **4280879186**.

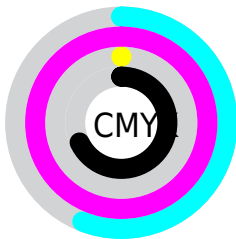
Distribution



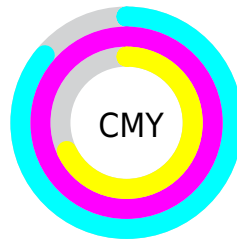
- Red (14%)
- Green (0%)
- Blue (32%)



- Red (14%)
- Yellow (0%)
- Blue (32%)



- Cyan (56%)
- Magenta (100%)
- Yellow (0%)
- Black (68%)



- Cyan (86%)
- Magenta (100%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280549458 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 4280549458 by changing the saturation by 10% instead.

 4280549458

 4280549458

 4294960895

 4279173179

 4283969412

 4278190628


 4285679519

 4278190091

 4287455162

 4278190080

 4289231318

 4291073011

 4292980479

 4294888191

 4280549458

■ 4280879186

■ 4281143378

■ 4281473362

■ 4281737554

■ 4282067282

■ 4282397010

■ 4282661202

■ 4282991186

■ 4283255378

Harmonies

Analogous

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



4278197348



4280549458



4283105329

Triad

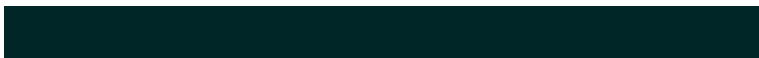
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4280549458



4281470464



4278199847

Complementary

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



4280549458



4281225728

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.



4278199552



4280549458



4279442688

Square

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



4280549458



4282908672



4278199296



4278200395

Rectangle

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



4280549458



4283564057



4278199296



4278199834

Sweetspot

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



4280549458



4284042091



4278201938



4281016886



4290098613



4281742902

Same Dimension

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



4280549458



4281270379



4283236434



4280755497



4281204841



4284874984

Inverse Universe

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



4283564078



4285202492



4278538752



4280886567



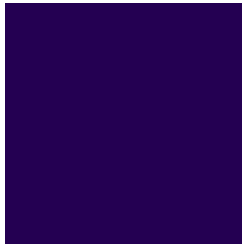
4285071419



4293394562

Previews

White Background



This preview shows how the Android color 4280549458 looks on a white background.

Color Contrast Check

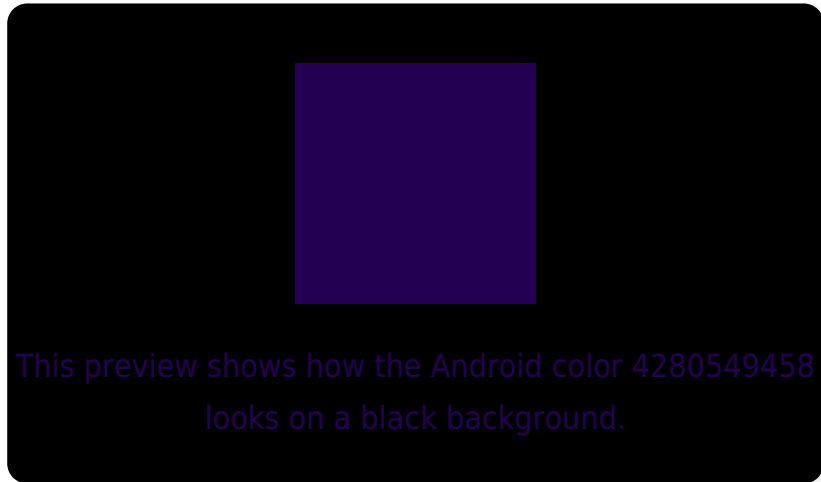
Large Text (above 18pt) WCAG AA ✓ Pass

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

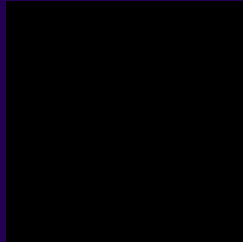
Any Text WCAG AA × Fail

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 4280549458 Background



This preview shows how black text looks on a background with the Android color 4280549458.



This preview shows how white text looks on a background with the Android color 4280549458.

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](#).

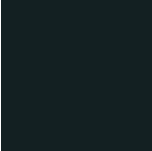
Dichromacy



Original Color
4280549458

Protanopia
4278197565

Deuteranopia
4278198068



Tritanopia
4279443490

Trichromacy



Original Color

4280549458

Protanomaly

4279046725

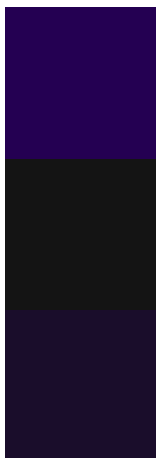
Deuteranomaly

4279047231

Tritanomaly

4279833651

Monochromacy



Original Color

4280549458

Achromatopsia

4279505940

Achromatomaly

4279897387

CSS Examples

Text

The CSS property to change the color of the text to Android 4280549458 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(36, 0, 82)` looks like.

```
.text, #text, p{  
    color:rgb(36, 0, 82)  
}
```

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(36, 0, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 0, 82) }
```

Border

The CSS property to change the border of an element to Android 4280549458 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(36, 0, 82) }
```

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

```
.border{ border-color:rgb(36, 0, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 0, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 0, 82); -webkit-box-shadow:4px  
4px 4px 4px rgb(36, 0, 82); box-shadow:4px  
4px 4px 4px rgb(36, 0, 82) }
```

Background

The CSS property to change the background color of an element to Android 4280549458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 0, 82) }
```

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

```
.background{ background-color: rgb(36, 0,  
82) }
```

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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