

Converting Colors

Android(4280830024)

Have a look what the booklet for
Android(4280830024) contains.

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Color

Android(4280830024)

Conversions

Conversions Part 1

Format	Color
Hex	284848
RGB	40, 72, 72
RGB Percent	16%, 28%, 28%
CMY	0.8431, 0.7176, 0.7176
CMYK	0.44, 0.00, 0.00, 0.72
HSL	180°, 29%, 22%
HSV	180°, 44%, 28%
XYZ	4.3621, 5.5537, 6.9730
YIQ	62.4320, -19.0720, -6.7840

Conversions

Conversions Part 2

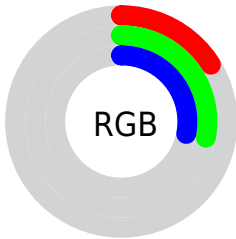
Format	Color
R_{YB}	40, 56, 72
Decimal	2639944
CIE _{Lab}	28.26, -11.75, -3.71
CIE _{LCh}	28, 12.322, 197.529
Yxy	5.5537, 0.2583, 0.3288
Android (android.graphics.Color)	4280830024 (0xFF284848)
YUV	62.4320, 4.7170, -19.6729
Hunter-Lab	23.5663, -8.2007, -1.0467

Details

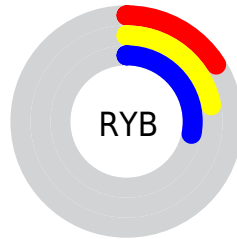
The Android color **4280830024** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4282918952**, and the grayscale version is **4282269246**.

A 20% lighter version of the original color is **4283988344**, and **4278197533** is the 20% darker color. If you saturate the color by 10%, you get **4280371272**, and if you desaturate by 10%, it is **4281288776**.

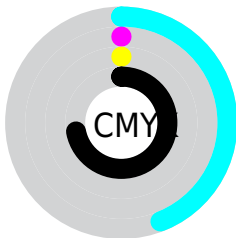
Distribution



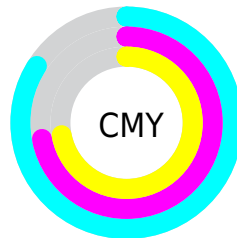
- Red (16%)
- Green (28%)
- Blue (28%)



- Red (16%)
- Yellow (22%)
- Blue (28%)



- Cyan (44%)
- Magenta (0%)
- Yellow (0%)
- Black (72%)



- Cyan (84%)
- Magenta (72%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280830024 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 4280830024 by changing the saturation by 10% instead.



4280830024



4280830024

4294967295



4279316786



4283988344



4278197533



4285633170



4278190082



4287278509



4278190080



4289054920



4290897124



4292739071



4294574079



4280830024



4280830024

■ 4280371272

■ 4281288776

■ 4279912520

■ 4281747528

■ 4279388232

■ 4282271816

■ 4278929480

■ 4282730568

■ 4278470728

■ 4283189320

■ 4278208584

■ 4283648072

■ 4284106824

■ 4284631112

■ 4285089864

Harmonies

Analogous

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



4281288766



4280830024



4280895312

Triad

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



4280830024



4283121232



4283253040

Complementary

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



4280830024



4282918952

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.



4283711029



4280830024



4283644999

Square

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



4280830024



4282335829



4283841597



4282663985

Rectangle

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



4280830024



4281222740



4283841597



4283449393

Sweetspot

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



4280830024



4283588190



4280829992



4280889392



4289769648



4281348144

Same Dimension

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



4280830024



4281097822



4280825928



4280296484



4278215523



4278248419

Inverse Universe

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



4282918984



4284361822



4282923048



4280557604



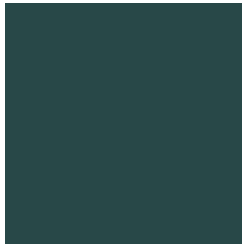
4284678243



4293066979

Previews

White Background



This preview shows how the Android color 4280830024 looks on a white background.

Color Contrast Check

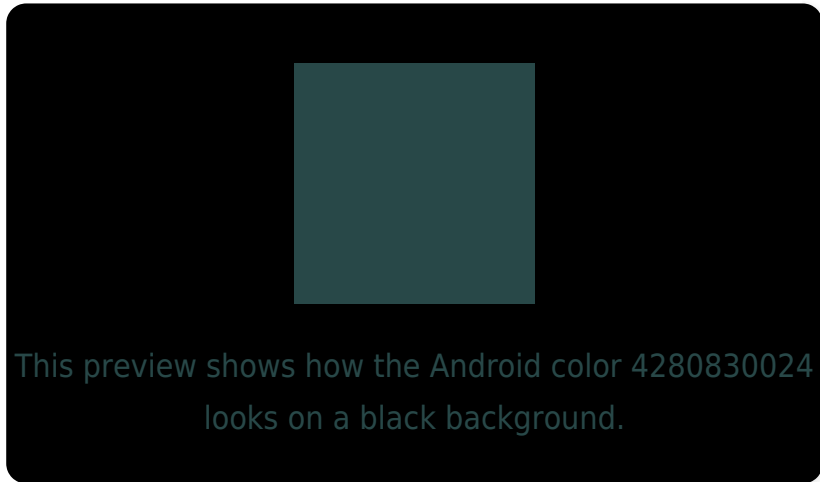
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280830024 Background



This preview shows how black text looks on a background with the Android color 4280830024.



This preview shows how white text looks on a background with the Android color 4280830024.

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
4280830024

Protanopia
4282597956

Deuteranopia
4282794314

Trichromacy



Original Color

4280830024

Protanomaly

4281943109

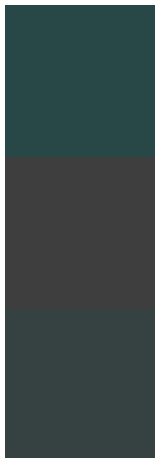
Deuteranomaly

4282074185

Tritanomaly

4280895307

Monochromacy



Original Color

4280830024

Achromatopsia

4282269246

Achromatomaly

4281745986

CSS Examples

Text

The CSS property to change the color of the text to Android 4280830024 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(40, 72, 72)` looks like.

```
.text, #text, p{  
    color:rgb(40, 72, 72)  
}
```

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(40, 72, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 72, 72) }
```

Border

The CSS property to change the border of an element to Android 4280830024 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(40, 72, 72) }
```

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

```
.border{ border-color:rgb(40, 72, 72) }
```

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

Here you see how a box with a 4 pixel rgb(40, 72, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 72, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 72, 72);  
box-shadow:4px 4px 4px 4px rgb(40, 72, 72)  
}
```

Background

The CSS property to change the background color of an element to Android 4280830024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 72, 72) }
```

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

```
.background{ background-color: rgb(40, 72,  
72) }
```

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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