

Converting Colors

Android(4280562731)

Have a look what the booklet for
Android(4280562731) contains.

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Color

Android(4280562731)

Conversions

Conversions Part 1

Format	Color
Hex	24342B
RGB	36, 52, 43
RGB Percent	14%, 20%, 17%
CMY	0.8588, 0.7961, 0.8314
CMYK	0.31, 0.00, 0.17, 0.80
HSL	146°, 18%, 17%
HSV	146°, 31%, 20%
XYZ	2.3916, 3.0055, 2.7396
YIQ	46.1900, -6.6470, -6.1910

Conversions

Conversions Part 2

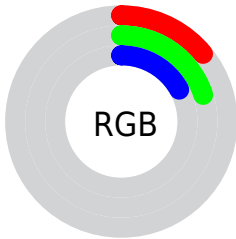
Format	Color
RYB	36, 47, 52
Decimal	2372651
CIELab	20.07, -8.94, 3.58
CIELCh	20, 9.629, 158.192
Yxy	3.0055, 0.2939, 0.3694
Android (android.graphics.Color)	4280562731 (0xFF24342B)
YUV	46.1900, -1.5727, -8.9366
Hunter-Lab	17.3363, -5.7139, 2.7661

Details

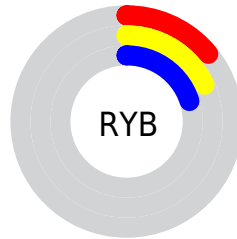
The Android color **4280562731** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4281607213**, and the grayscale version is **4281216558**.

A 20% lighter version of the original color is **4283523928**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4280235048**, and if you desaturate by 10%, it is **4280890414**.

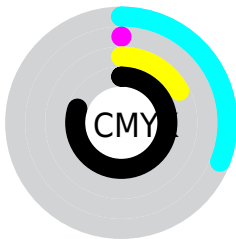
Distribution



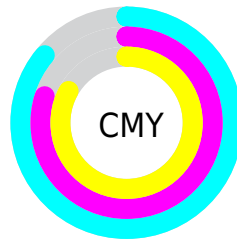
- Red (14%)
- Green (20%)
- Blue (17%)



- Red (14%)
- Yellow (18%)
- Blue (20%)



- Cyan (31%)
- Magenta (0%)
- Yellow (17%)
- Black (80%)



- Cyan (86%)
- Magenta (80%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280562731 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 4280562731 by changing the saturation by 10% instead.



4280562731



4280562731

4294967295



4279246615



4283523928



4278190080



4285102961



4286748042



4288524452



4290300864



4292077531



4293984248



4280562731



4280562731

■ 4280235048

■ 4280890414

■ 4279907365

■ 4281218097

■ 4279514146

■ 4281611316

■ 4279186463

■ 4281938999

■ 4278858780

■ 4282266682

■ 4278531097

■ 4282594365

■ 4278203415

■ 4282922047

■ 4283315266

■ 4283642949

Harmonies

Analogous

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



4281086757



4280562731



4280169522

Triad

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



4280562731



4281020478



4282264616

Complementary

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



4280562731



4281607213

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.



4282329903



4280562731



4281609788

Square

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



4280562731



4280431421



4282068022



4282002980

Rectangle

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



4280562731



4280038455



4282068022



4282330154

Sweetspot

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



4280562731



4282336577



4281152548



4280296481



4288914339



4280558628

Same Dimension

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



4280562731



4281025847



4280562739



4279704088



4278212903



4278245727

Inverse Universe

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



4281607213



4282723130



4281607205



4279899928



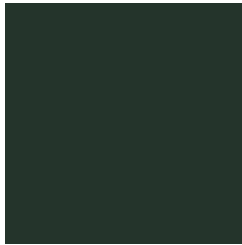
4284022834



4292411514

Previews

White Background



This preview shows how the Android color 4280562731 looks on a white background.

Color Contrast Check

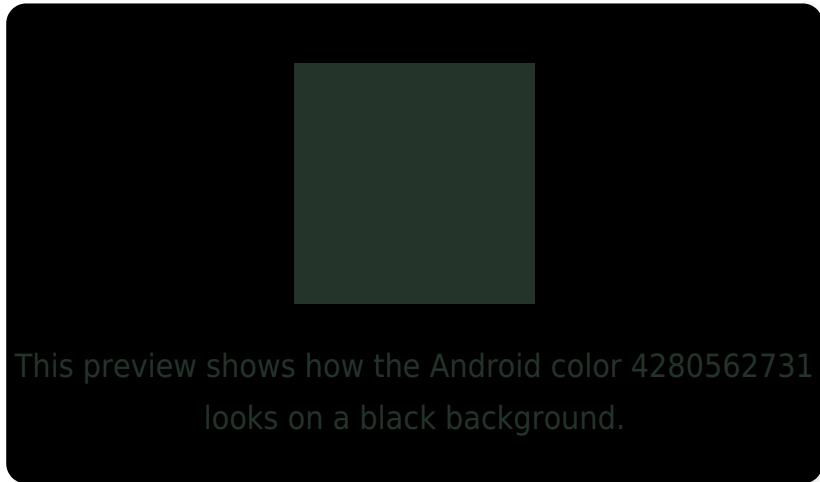
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280562731 Background



This preview shows how black text looks on a background with the Android color 4280562731.



This preview shows how white text looks on a background with the Android color 4280562731.

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
4280562731

Protanopia
4281544745

Deuteranopia
4281806636

Trichromacy



Original Color

4280562731

Protanomaly

4281217322

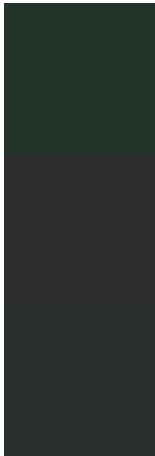
Deuteranomaly

4281348396

Tritanomaly

4280628018

Monochromacy



Original Color

4280562731

Achromatopsia

4281216558

Achromatomaly

4280954925

CSS Examples

Text

The CSS property to change the color of the text to Android 4280562731 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, 52, 43)` looks like.

```
.text, #text, p{  
    color:rgb(36, 52, 43)  
}
```

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, 52, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 52, 43) }
```

Border

The CSS property to change the border of an element to Android 4280562731 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, 52, 43) }
```

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

```
.border{ border-color:rgb(36, 52, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 52, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 52, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 52, 43);  
box-shadow:4px 4px 4px 4px rgb(36, 52, 43)  
}
```

Background

The CSS property to change the background color of an element to Android 4280562731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 52, 43) }
```

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

```
.background{ background-color: rgb(36, 52,  
43) }
```

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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