

Converting Colors

Android(4280563020)

Have a look what the booklet for
Android(4280563020) contains.

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Color

Android(4280563020)

Conversions

Conversions Part 1

Format	Color
Hex	24354C
RGB	36, 53, 76
RGB Percent	14%, 21%, 30%
CMY	0.8588, 0.7922, 0.7020
CMYK	0.53, 0.30, 0.00, 0.70
HSL	214°, 36%, 22%
HSV	214°, 53%, 30%
XYZ	3.3052, 3.4431, 7.3279
YIQ	50.5390, -17.5150, 3.5490

Conversions

Conversions Part 2

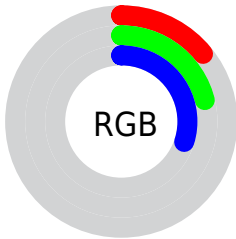
Format	Color
R_{YB}	36, 48, 76
Decimal	2372940
CIE _{Lab}	21.74, 0.54, -16.29
CIE _{LCh}	22, 16.296, 271.894
Yxy	3.4431, 0.2348, 0.2446
Android (android.graphics.Color)	4280563020 (0xFF24354C)
YUV	50.5390, 12.5523, -12.7507
Hunter-Lab	18.5555, -0.6772, -10.4256

Details

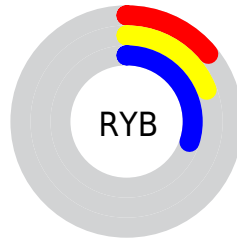
The Android color **4280563020** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4283185956**, and the grayscale version is **4281479730**.

A 20% lighter version of the original color is **4283655037**, and **4278192160** is the 20% darker color. If you saturate the color by 10%, you get **4280037708**, and if you desaturate by 10%, it is **4281088332**.

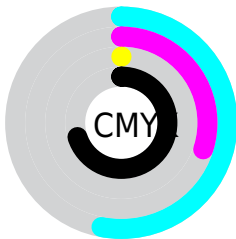
Distribution



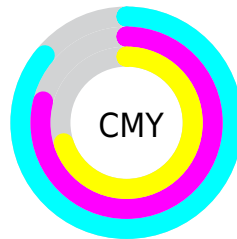
- Red (14%)
- Green (21%)
- Blue (30%)



- Red (14%)
- Yellow (19%)
- Blue (30%)



- Cyan (53%)
- Magenta (30%)
- Yellow (0%)
- Black (70%)



- Cyan (86%)
- Magenta (79%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280563020 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 4280563020 by changing the saturation by 10% instead.

■ 4280563020

■ 4280563020

4294967295

■ 4278984757

■ 4283655037

■ 4278192160

■ 4285299863

■ 4278190085

■ 4287010482

■ 4278190080

■ 4288786893

■ 4290563305

■ 4292405503

■ 4294246399

■ 4280563020

■ 4280563020

■ 4280037708

■ 4281088332

■ 4279577676

■ 4281548364

■ 4279052364

■ 4282073676

■ 4278592588

■ 4282533452

■ 4278198348

■ 4283059020

■ 4283584332

■ 4284044364

■ 4284569676

■ 4285029452

Harmonies

Analogous

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



4279187529



4280563020



4281741641

Triad

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



4280563020



4283116584



4280302120

Complementary

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



4280563020



4283185956

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.



4281284383



4280563020



4282724127

Square

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



4280563020



4283116340



4282070044



4279253812

Rectangle

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



4280563020



4282396227



4282070044



4280629541

Sweetspot

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



4280563020



4283718243



4280568891



4280888627



4289967027



4281545523

Same Dimension

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



4280563020



4280631139



4280755276



4280427558



4278201190



4278215398

Inverse Universe

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



4283180085



4284687679



4282993700



4280689188



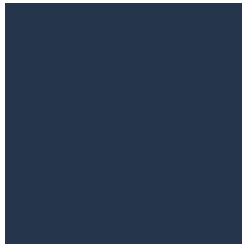
4284874795



4293263458

Previews

White Background



This preview shows how the Android color 4280563020 looks on a white background.

Color Contrast Check

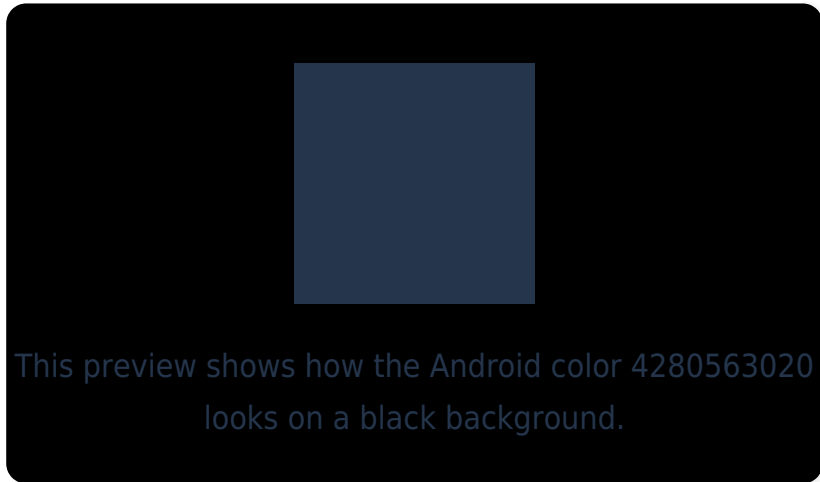
Large Text (above 18pt) WCAG AA ✓ Pass

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

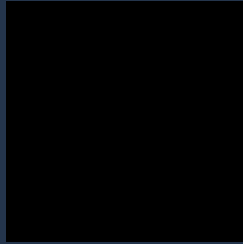
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

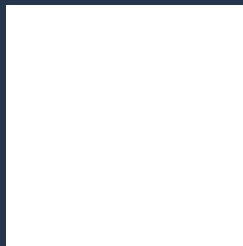
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4280563020 Background



This preview shows how black text looks on a background with the Android color 4280563020.



This preview shows how white text looks on a background with the Android color 4280563020.

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
4280563020

Protanopia
4281152331

Deuteranopia
4280955980

Trichromacy



Original Color
4280563020

Protanomaly
4280955979

Deuteranomaly
4280824908

Tritanomaly
4280366914

Monochromacy



Original Color
4280563020

Achromatopsia
4281545523

Achromatomaly
4281218108

CSS Examples

Text

The CSS property to change the color of the text to Android 4280563020 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, 53, 76)` looks like.

```
.text, #text, p{  
    color:rgb(36, 53, 76)  
}
```

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, 53, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 53, 76) }
```

Border

The CSS property to change the border of an element to Android 4280563020 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, 53, 76) }
```

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

```
.border{ border-color:rgb(36, 53, 76) }
```

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

Here you see how a box with a 4 pixel rgb(36, 53, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 53, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 53, 76);  
box-shadow:4px 4px 4px 4px rgb(36, 53, 76)  
}
```

Background

The CSS property to change the background color of an element to Android 4280563020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 53, 76) }
```

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

```
.background{ background-color: rgb(36, 53,  
76) }
```

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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