Converting Colors

Android(4280301643)

Have a look what the booklet for Android(4280301643) contains.

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Color

Android(4280301643)

Conversions

Conversions Part 1

Format	Color
Hex	20384B
RGB	32, 56, 75
RGB Percent	13%, 22%, 29%
CMY	0.8745, 0.7804, 0.7059
CMYK	0.57, 0.25, 0.00, 0.71
HSL	207°, 40%, 21%
HSV	207°, 57%, 29%
XYZ	3.2798, 3.6434, 7.1870
YIQ	50.9900, -20.4030, 0.8210

Conversions

Conversions Part 2

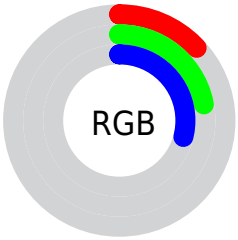
Format	Color
RYB	32, 47, 75
Decimal	2111563
CIELab	22.46, -2.97, -14.52
CIELCh	22, 14.826, 258.425
Yxy	3.6434, 0.2324, 0.2582
Android (android.graphics.Color)	4280301643 (0xFF20384B)
YUV	50.9900, 11.8369, -16.6542
Hunter-Lab	19.0878, -2.7320, -8.9627

Details

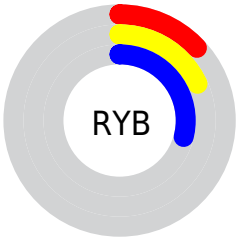
The Android color 4280301643 is a dark color, and the websafe version is hex 333333. A complement of this color would be 4283118368, and the grayscale version is 4281545523.

A 20% lighter version of the original color is 4283459452, and 4278193439 is the 20% darker color. If you saturate the color by 10%, you get 4279776587, and if you desaturate by 10%, it is 4280761163.

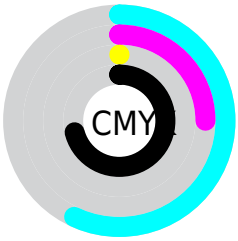
Distribution



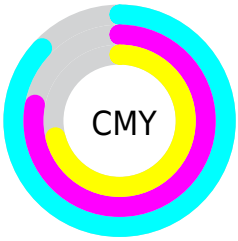
- Red (13%)
- Green (22%)
- Blue (29%)



- Red (13%)
- Yellow (18%)
- Blue (29%)



- Cyan (57%)
- Magenta (25%)
- Yellow (0%)
- Black (71%)



- Cyan (87%)
- Magenta (78%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280301643 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 4280301643 by changing the saturation by 10% instead.

4280301643

4294967295

4283459452

4285104278

4286749360

4288525516

4290302184

4292144383

4294049791

4280301643

4280301643

4278657844

4278193439

4278190084

4278190080

4280301643

4280301643

4279776587

4279316811

4278791755

4278332235

4278200907

4280761163

4281286475

4281811531

4282271051

4282796363

4283255883

4283780939

4284240715

4284765771

Harmonies

Analogous

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

4279384902

4280301643

4281414730

Triad

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

4280301643

4283182639

4280957479

Complementary

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

4280301643

4283118368

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.

4281743137

4280301643

4282986534

Square

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

4280301643

4282986042

4282463264

4280105777

Rectangle

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

4280301643

4282069575

4282463264

4281219364

Sweetspot

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

4280301643

4283456097

4280306483

4280757296

4289769648

4281348144

Same Dimension

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

4280301643

4280173409

4280296267

4280427814

4278204774

4278223078

Inverse Universe

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

4283113528

4284554819

4283123744

4280689189

4284874809

4293263488

Previews

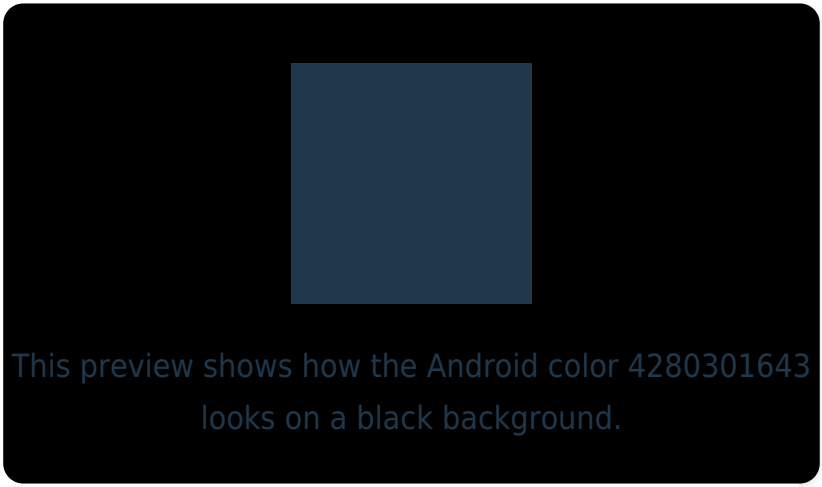
White Background

This preview shows how the Android color 4280301643 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 4280301643 Background

This preview shows how black text looks on a background with the Android color 4280301643.

This preview shows how white text looks on a background with the Android color 4280301643.

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
4280301643

Protanopia
4281349449

Deuteranopia
4281218380

Tritanopia
4279974463

Trichromacy

Original Color
4280301643

Protanomaly
4280956490

Deuteranomaly
4280890956

Tritanomaly
4280105283

Monochromacy

Original Color
4280301643

Achromatopsia
4281545523

Achromatomaly
4281087292

CSS Examples

Text

The CSS property to change the color of the text to Android 4280301643 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(32, 56, 75) looks like.

```
.text, #text, p{
    color:rgb(32, 56, 75)
}
```

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(32, 56, 75) colored shadow looks like.

Here you see how black text with a 4 pixel rgb(32, 56, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 56, 75) }
```

Border

The CSS property to change the border of an element to Android 4280301643 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(32, 56, 75) }
```

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

```
.border{ border-color:rgb(32, 56, 75) }
```

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

Here you see how a box with a 4 pixel rgb(32, 56, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(32, 56, 75); -webkit-box-shadow:4px 4px 4px 4px rgb(32, 56, 75); box-shadow:4px 4px 4px 4px rgb(32, 56, 75) }
```

Background

The CSS property to change the background color of an element to Android 4280301643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(32, 56, 75) }
```

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

```
.background{ background-color:rgb(32, 56, 75) }
```

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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