Converting Colors

Android(4280898646)

Have a look what the booklet for Android(4280898646) contains.

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Color

Android(4280898646)

Conversions

Format	Color
Hex	295456
RGB	41, 84, 86
RGB Percent	16%, 33%, 34%
CMY	0.8392, 0.6706, 0.6627
CMYK	0.52, 0.02, 0.00, 0.66
HSL	183°, 35%, 25%
HSV	183°, 52%, 34%
XYZ	5.7645, 7.4840, 9.9448
YIQ	71.3710, -26.2700, -8.4940

Conversions Part 1

Conversions

Conversions Part 2

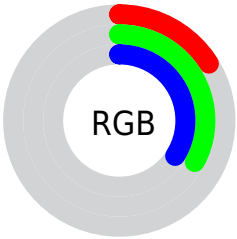
Format	Color
RYB	41, 63, 86
Decimal	2708566
CIELab	32.88, -14.26, -5.79
CIELCh	33, 15.390, 202.083
Yxy	7.4840, 0.2485, 0.3227
Android (android.graphics.Color)	4280898646 (0xFF295456)
YUV	71.3710, 7.2121, -26.6354
Hunter-Lab	27.3568, -10.2618, -2.4035

Details

The Android color 4280898646 is a dark color, and the websafe version is hex 336666. A complement of this color would be 4283837225, and the grayscale version is 4282861383.

A 20% lighter version of the original color is 4284122760, and 4278200105 is the 20% darker color. If you saturate the color by 10%, you get 4280308822, and if you desaturate by 10%, it is 4281488470.

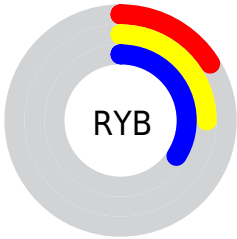
Distribution



Red (16%)

Green (33%)

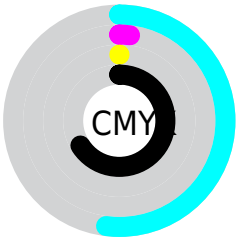
Blue (34%)



Red (16%)

Yellow (25%)

Blue (34%)

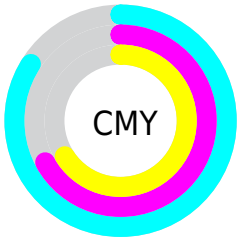


Cyan (52%)

Magenta (2%)

Yellow (0%)

Black (66%)



Cyan (84%)

Magenta (67%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280898646 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 4280898646 by changing the saturation by 10% instead.

4280898646

4294967295

4284122760

4285833378

4287544253

4289320921

4291163125

4293001215

4294901759

4280898646

4280898646

4279188799

4278200105

4278194965

4278190080

4280898646

4280898646

4280308822

4279784278

4279194454

4278669910

4278211158

4281488470

4282013014

4282602838

4283127382

4283717206

4284307030

4284831574

4285421398

4285945686

Harmonies

Analogous

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

4281488458

4280898646

4281094752

Triad

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

4280898646

4284106588

4284042037

Complementary

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

4280898646

4283837225

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.

4284630843

4280898646

4284695889

Square

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

4280898646

4283124580

4284892485

4283256631

Rectangle

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

4280898646

4281618788

4284892485

4284303927

Sweetspot

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

4280898646

4284378992

4280899114

4281153592

4290295992

4281874488

Same Dimension

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

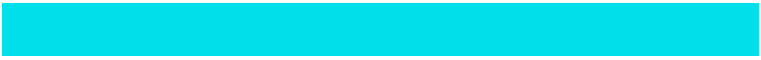
4280898646

4280970608

4280893014

4280757035

4278216299



4278247659

Inverse Universe

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

4283836756

4285540973

4283842857

4281018155

4285202534

4293591264

Previews

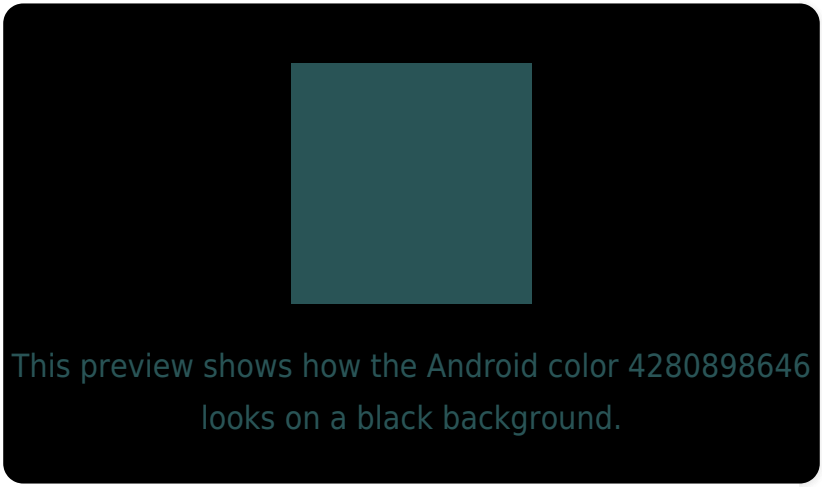
White Background

This preview shows how the Android color 4280898646 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

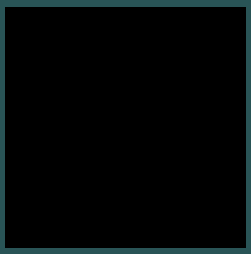


Color Contrast Check

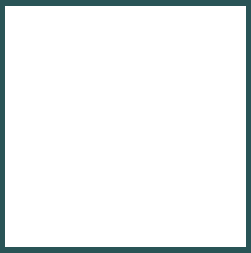
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

Android 4280898646 Background



This preview shows how black text looks on a background with the Android color 4280898646.



This preview shows how white text looks on a background with the Android color 4280898646.

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
4280898646

Protanopia
4283256145

Deuteranopia
4283386712

Tritanopia
4280963930

Trichromacy

Original Color
4280898646

Protanomaly
4282404947

Deuteranomaly
4282469975

Tritanomaly
4280963929

Monochromacy

Original Color
4280898646

Achromatopsia
4282861383

Achromatomaly
4282141772

CSS Examples

Text

The CSS property to change the color of the text to Android 4280898646 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(41, 84, 86) looks like.

```
.text, #text, p{
    color:rgb(41, 84, 86)
}
```

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(41, 84, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 84, 86) }
```

Border

The CSS property to change the border of an element to Android 4280898646 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(41, 84, 86) }
```

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

```
.border{ border-color:rgb(41, 84, 86) }
```

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

Here you see how a box with a 4 pixel rgb(41, 84, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(41, 84, 86); -webkit-box-shadow:4px 4px 4px 4px rgb(41, 84, 86); box-shadow:4px 4px 4px 4px rgb(41, 84, 86) }
```

Background

The CSS property to change the background color of an element to Android 4280898646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(41, 84, 86) }
```

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

```
.background{ background-color:rgb(41, 84,
86) }
```

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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