Converting Colors

Android(4281891232)

Have a look what the booklet for Android(4281891232) contains.

Color

Android(4281891232)

Conversions

Conversions Part 1

Format	Color
Hex	3879A0
RGB	56, 121, 160
RGB Percent	22%, 47%, 63%
CMY	0.7804, 0.5255, 0.3725
CMYK	0.65, 0.24, 0.00, 0.37
HSL	202°, 48%, 42%
HSV	202°, 65%, 63%
XYZ	14.8134, 17.0536, 35.7686
YIQ	106.0110, -51.2590, -1.6510

Conversions

Conversions Part 2

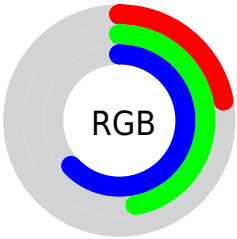
Format	Color
RYB	56, 96, 160
Decimal	3701152
CIELab	48.33, -8.20, -27.09
CIELCh	48, 28.303, 253.165
Yxy	17.0536, 0.2190, 0.2521
Android (android.graphics.Color)	4281891232 (0xFF3879A0)
YUV	106.0110, 26.6166, -43.8596
Hunter-Lab	41.2960, -8.2376, -22.4470

Details

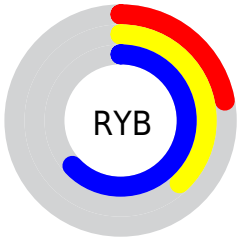
The Android color 4281891232 is a dark color, and the websafe version is hex 006699. A complement of this color would be 4288700216, and the grayscale version is 4285164138.

A 20% lighter version of the original color is 4285640151, and 4278208876 is the 20% darker color. If you saturate the color by 10%, you get 4280841120, and if you desaturate by 10%, it is 4282941344.

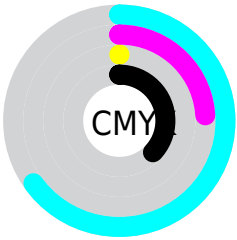
Distribution



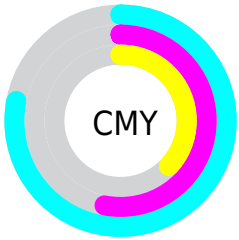
- Red (22%)
- Green (47%)
- Blue (63%)



- Red (22%)
- Yellow (38%)
- Blue (63%)



- Cyan (65%)
- Magenta (24%)
- Yellow (0%)
- Black (37%)



- Cyan (78%)
- Magenta (53%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281891232 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 4281891232 by changing the saturation by 10% instead.

4281891232

4294967295

4285640151

4287482355

4289390079

4291231743

4293197823

4281891232

4279525510

4278208876

4278202964

4278197564

4278190887

4278190352

4278190080

4281891232

4280841120

4281891232

4282941344

4279791008

4278740896

4278215840

4283991456

4285041568

4286091680

4287141792

4288191904

4289242016

4290292128

4291342240

Harmonies

Analogous

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

4279139987

4281891232

4284576161

Triad

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

4281891232

4288766057

4284316495

Complementary

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

4281891232

4288700216

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.

4286084419

4281891232

4288505171

Square

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

4281891232

4288242305

4287524165

4282351460

Rectangle

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

4281891232

4286147739

4287524165

4284971338

Sweetspot

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

4281891232

4289184209

4281901150

4283391849

4293454056

4285098345

Same Dimension

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

4281891232

4281242833

4281878176

4282862671

4278213007

4278192655

Inverse Universe

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

4288690297

4291899028

4288713272

4283385676

4287561817

4279173130

Previews

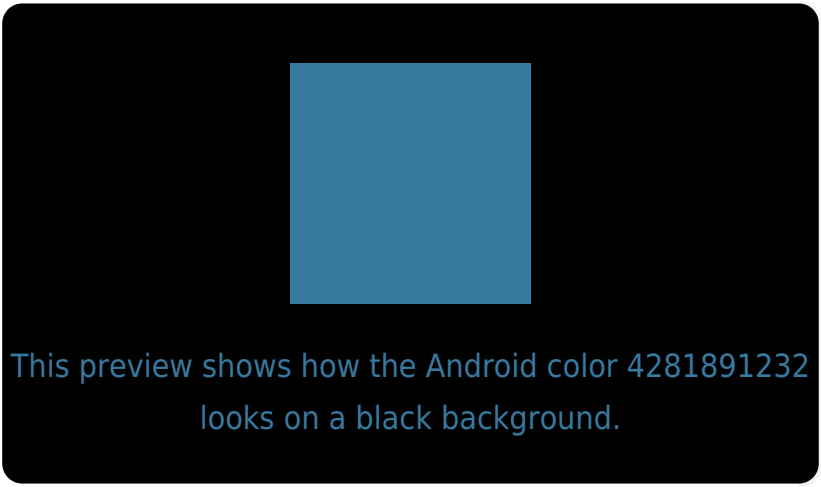
White Background

This preview shows how the Android color 4281891232 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 ✕ Fail

Black Background



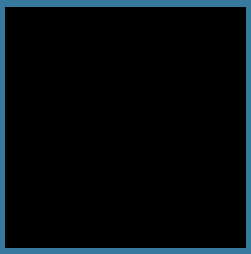
This preview shows how the Android color 4281891232 looks on a black background.

Color Contrast Check

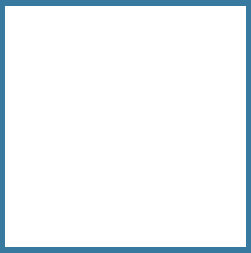
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

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

Android 4281891232 Background



This preview shows how black text looks on a background with the Android color 4281891232.



This preview shows how white text looks on a background with the Android color 4281891232.

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
4281891232

Protanopia
4284969370

Deuteranopia
4284576162

Tritanopia
4281040264

Trichromacy

Original Color
4281891232

Protanomaly
4283856028

Deuteranomaly
4283593889

Tritanomaly
4281367697

Monochromacy

Original Color
4281891232

Achromatopsia
4285164138

Achromatomaly
4283985790

CSS Examples

Text

The CSS property to change the color of the text to Android 4281891232 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(56, 121, 160) looks like.

```
.text, #text, p{
    color:rgb(56, 121, 160)
}
```

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(56, 121, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 121, 160) }
```

Border

The CSS property to change the border of an element to Android 4281891232 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(56, 121, 160) }
```

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

```
.border{ border-color:rgb(56, 121, 160) }
```

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

Here you see how a box with a 4 pixel rgb(56, 121, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(56, 121, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(56, 121, 160); box-shadow:4px 4px 4px 4px rgb(56, 121, 160) }
```

Background

The CSS property to change the background color of an element to Android 4281891232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(56, 121, 160) }
```

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

```
.background{ background-color:rgb(56, 121,
160) }
```

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.

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

Learn more, Memberships starting at $2.50/m!

Follow me on Twitter!

@ConvertingColor