

Converting Colors

Android(4280451500)

Have a look what the booklet for
Android(4280451500) contains.

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Color

Android(4280451500)

Conversions

Conversions Part 1

Format	Color
Hex	2281AC
RGB	34, 129, 172
RGB Percent	13%, 51%, 67%
CMY	0.8667, 0.4941, 0.3255
CMYK	0.80, 0.25, 0.00, 0.33
HSL	199°, 67%, 40%
HSV	199°, 80%, 67%
XYZ	15.9563, 19.0192, 41.8598
YIQ	105.4970, -70.4230, -6.7670

Conversions

Conversions Part 2

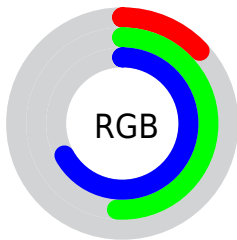
Format	Color
R_{YB}	34, 90, 172
Decimal	2261420
CIE _{Lab}	50.71, -11.72, -30.41
CIE _{LCh}	51, 32.588, 248.930
Yxy	19.0192, 0.2077, 0.2475
Android (android.graphics.Color)	4280451500 (0xFF2281AC)
YUV	105.4970, 32.7860, -62.7029
Hunter-Lab	43.6110, -11.0097, -26.3816

Details

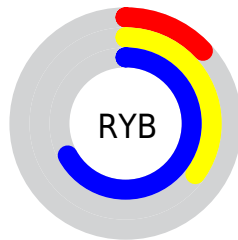
The Android color `4280451500` is a dark color, and the websafe version is hex `3399CC`. A complement of this color would be `4289482018`, and the grayscale version is `4285098345`.

A 20% lighter version of the original color is `4284921572`, and `4278210679` is the 20% darker color. If you saturate the color by 10%, you get `4279336108`, and if you desaturate by 10%, it is `4281566892`.

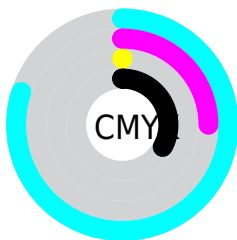
Distribution



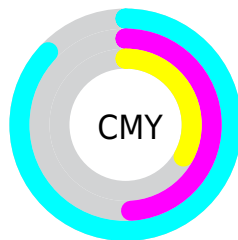
- Red (13%)
- Green (51%)
- Blue (67%)



- Red (13%)
- Yellow (35%)
- Blue (67%)



- Cyan (80%)
- Magenta (25%)
- Yellow (0%)
- Black (33%)



- Cyan (87%)
- Magenta (49%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280451500 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 4280451500 by changing the saturation by 10% instead.

 4280451500

 4280451500

4294967295

 4278216849

 4284921572

 4278210679

 4286829055

 4278204767

 4288737023

 4278199367

 4290707455

 4278192432

 4292607999

 4278190362

 4294639615

 4278190080

 4280451500

 4280451500

 4279336108

 4281566892

■ 4278220460

■ 4282682540

■ 4283863468

■ 4284978860

■ 4286094508

■ 4287209900

■ 4288325548

■ 4289506476

■ 4290621868

Harmonies

Analogous

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



4278224539



4280451500



4284316079

Triad

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



4280451500



4289618801



4284776780

Complementary

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



4280451500



4289482018

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.



4286741057



4280451500



4289423191

Square

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



4280451500



4288832909



4288376901



4282418788

Rectangle

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



4280451500



4286214825



4288376901



4285497159

Sweetspot

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



4280451500



4289450208



4280462411



4283459184



4293980400



4285558896

Same Dimension

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



4280451500



4278820320



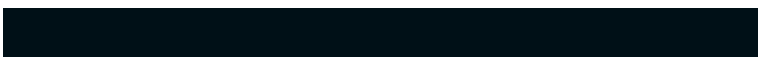
4280434348



4283323479



4278216854



4278194199

Inverse Universe

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



4289471105



4292872605



4289499170



4283911764



4288020584



4279697424

Previews

White Background



This preview shows how the Android color 4280451500 looks on a white background.

Color Contrast Check

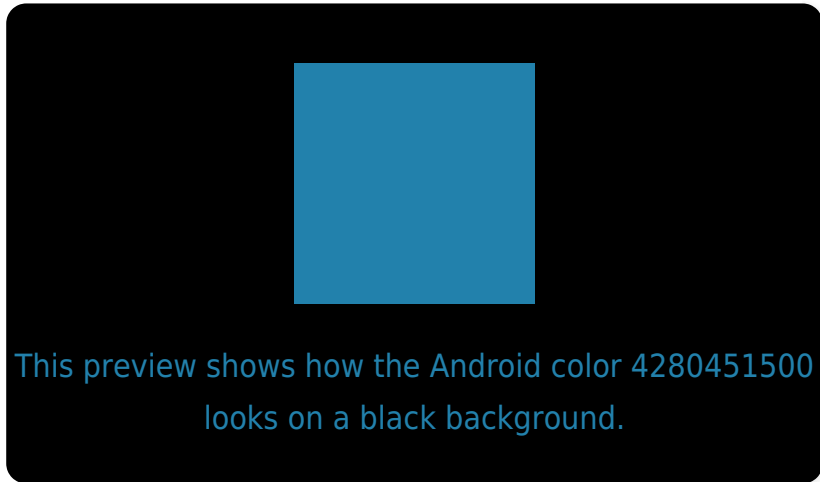
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black 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

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

Android 4280451500 Background



This preview shows how black text looks on a background with the Android color 4280451500.



This preview shows how white text looks on a background with the Android color 4280451500.

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



Trichromacy



Original Color
4280451500

Protanomaly
4283464359

Deuteranomaly
4283136941

Tritanomaly
4279010458

Monochromacy



Original Color
4280451500

Achromatopsia
4285098345

Achromatomaly
4283396737

CSS Examples

Text

The CSS property to change the color of the text to Android 4280451500 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(34, 129, 172)` looks like.

```
.text, #text, p{  
    color:rgb(34, 129, 172)  
}
```

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(34, 129, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 129, 172) }
```

Border

The CSS property to change the border of an element to Android 4280451500 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(34, 129, 172) }
```

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

```
.border{ border-color:rgb(34, 129, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 129, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 129, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 129, 172);  
box-shadow:4px 4px 4px 4px rgb(34, 129,  
172) }
```

Background

The CSS property to change the background color of an element to Android 4280451500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 129, 172) }
```

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

```
.background{ background-color: rgb(34, 129,  
172) }
```

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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