

Converting Colors

Android(4278281900)

Have a look what the booklet for
Android(4278281900) contains.

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Color

Android(4278281900)

Conversions

Conversions Part 1

Format	Color
Hex	0166AC
RGB	1, 102, 172
RGB Percent	0%, 40%, 67%
CMY	0.9961, 0.6000, 0.3255
CMYK	0.99, 0.41, 0.00, 0.33
HSL	205°, 99%, 34%
HSV	205°, 99%, 67%
XYZ	12.2103, 12.4878, 40.7966
YIQ	79.7810, -82.6660, 0.3580

Conversions

Conversions Part 2

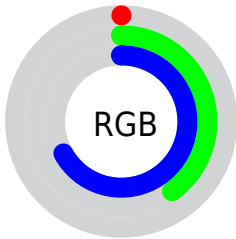
Format	Color
RYB	1, 64, 172
Decimal	91820
CIELab	41.98, 2.37, -44.22
CIElCh	42, 44.280, 273.070
Yxy	12.4878, 0.1864, 0.1907
Android (android.graphics.Color)	4278281900 (0xFF0166AC)
YUV	79.7810, 45.4640, -69.0909
Hunter-Lab	35.3380, -0.1647, -43.7117

Details

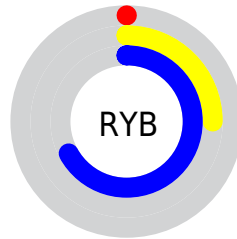
The Android color `4278281900` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4289480449`, and the grayscale version is `4283387727`.

A 20% lighter version of the original color is `4284127716`, and `4278204535` is the 20% darker color. If you saturate the color by 10%, you get `4278216364`, and if you desaturate by 10%, it is `4279397804`.

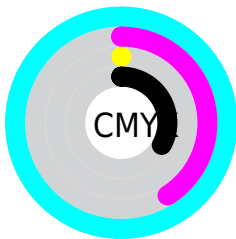
Distribution



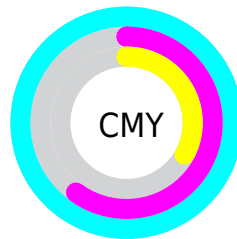
- Red (0%)
- Green (40%)
- Blue (67%)



- Red (0%)
- Yellow (25%)
- Blue (67%)



- Cyan (99%)
- Magenta (41%)
- Yellow (0%)
- Black (33%)



- Cyan (100%)
- Magenta (60%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278281900 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 4278281900 by changing the saturation by 10% instead.

 4278281900

 4278281900

4294967295

 4278210193

 4284127716

 4278204535

 4286100479

 4278199134

 4288073727

 4278193478

 4289981439

 4278191151

 4291952639

 4278190361

 4293918719

 4278190080

 4278281900

 4278281900

 4278216364

 4279397804

■ 4280513708

■ 4281695148

■ 4282811052

■ 4283926956

■ 4285042860

■ 4286158764

■ 4287340204

■ 4288456108

Harmonies

Analogous

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



4278218660



4278281900



4285094048

Triad

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



4278281900



4288825149



4278874688

Complementary

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



4278281900



4289480449

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.



4283264033



4278281900



4287649056

Square

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



4278281900



4288954465



4285752082



4278219878

Rectangle

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



4278281900



4287057295



4285752082



4281037109

Sweetspot

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



4278281900



4288529888



4278299717



4282933360



4293980400



4285558896

Same Dimension

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



4278281900



4278224352



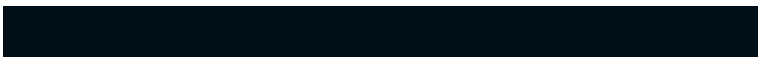
4278260396



4283323223



4278213014



4278193687

Inverse Universe

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



4289462630



4292870277



4289501953



4283911763



4288020569



4279697422

Previews

White Background



This preview shows how the Android color 4278281900 looks on a white background.

Color Contrast Check

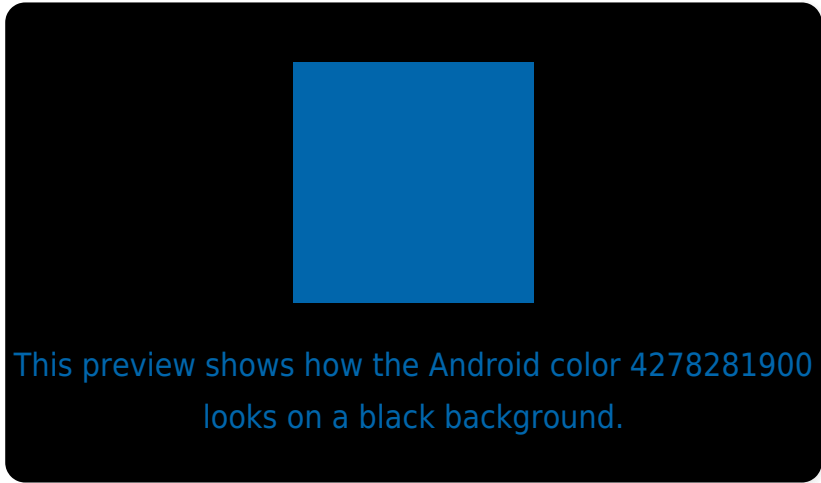
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 4278281900 Background



This preview shows how black text looks on a background with the Android color 4278281900.



This preview shows how white text looks on a background with the Android color 4278281900.

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
4278281900

Protanomaly
4281099177

Deuteranomaly
4279854508

Tritanomaly
4278217610

Monochromacy



Original Color
4278281900

Achromatopsia
4283453520

Achromatomaly
4281555057

CSS Examples

Text

The CSS property to change the color of the text to Android 4278281900 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(1, 102, 172)` looks like.

```
.text, #text, p{  
    color:rgb(1, 102, 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(1, 102, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 102, 172) }
```

Border

The CSS property to change the border of an element to Android 4278281900 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(1, 102, 172) }
```

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

```
.border{ border-color:rgb(1, 102, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 102, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 102, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 102, 172);  
box-shadow:4px 4px 4px 4px rgb(1, 102,  
172) }
```

Background

The CSS property to change the background color of an element to Android 4278281900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 102, 172) }
```

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

```
.background{ background-color: rgb(1, 102,  
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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