

Converting Colors

Android(4278215852)

Have a look what the booklet for
Android(4278215852) contains.

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Color

Android(4278215852)

Conversions

Conversions Part 1

Format	Color
Hex	0064AC
RGB	0, 100, 172
RGB Percent	0%, 39%, 67%
CMY	1.0000, 0.6078, 0.3255
CMYK	1.00, 0.42, 0.00, 0.33
HSL	205°, 100%, 34%
HSV	205°, 100%, 67%
XYZ	12.0036, 12.0929, 40.7312
YIQ	78.3080, -82.7120, 1.1920

Conversions

Conversions Part 2

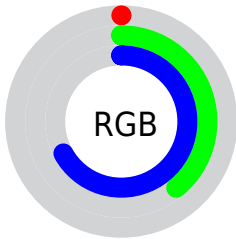
Format	Color
RYB	0, 63, 172
Decimal	25772
CIELab	41.36, 3.60, -45.20
CIELCh	41, 45.348, 274.555
Yxy	12.0929, 0.1852, 0.1865
Android (android.graphics.Color)	4278215852 (0xFF0064AC)
YUV	78.3080, 46.1902, -68.6761
Hunter-Lab	34.7748, 0.7586, -45.1031

Details

The Android color `4278215852` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4289480704`, and the grayscale version is `4283321934`.

A 20% lighter version of the original color is `4284126948`, and `4278204023` is the 20% darker color. If you saturate the color by 10%, you get `4278215852`, and if you desaturate by 10%, it is `4279331756`.

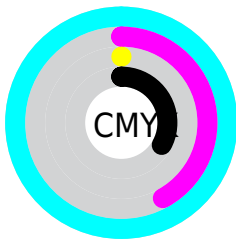
Distribution



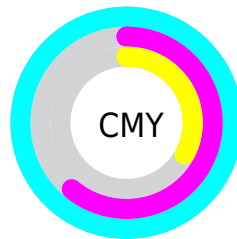
- Red (0%)
- Green (39%)
- Blue (67%)



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



- Cyan (100%)
- Magenta (42%)
- Yellow (0%)
- Black (33%)



- Cyan (100%)
- Magenta (61%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278215852 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 4278215852 by changing the saturation by 10% instead.

 4278215852

 4278215852

4294967295

 4278209681

 4284126948

 4278204023

 4286099967

 4278198878

 4288072959

 4278192710

 4289980671

 4278191151

 4291952639

 4278190361

 4293918719

 4278190080

 4278215852

 4279331756

■ 4280447660

■ 4281629356

■ 4282745260

■ 4283861164

■ 4284977068

■ 4286092972

■ 4287274668

■ 4288390572

Harmonies

Analogous

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



4278218405



4278215852



4285158815

Triad

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



4278215852



4288759097



4278219072

Complementary

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



4278215852



4289480704

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.



4283001631



4278215852



4287517724

Square

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



4278215852



4288953949



4285489676



4278219622

Rectangle

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



4278215852



4287122061



4285489676



4280577844

Sweetspot

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



4278215852



4288529632



4278234184



4282933104



4293980400



4285558896

Same Dimension

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



4278215852



4278223584



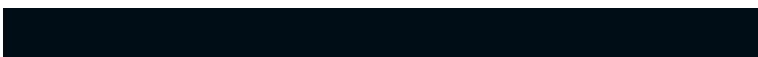
4278193836



4283323223



4278212502



4278193431

Inverse Universe

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



4289462372



4292870274



4289502720



4283911763



4288020567



4279697421

Previews

White Background



This preview shows how the Android color 4278215852 looks on a white background.

Color Contrast Check

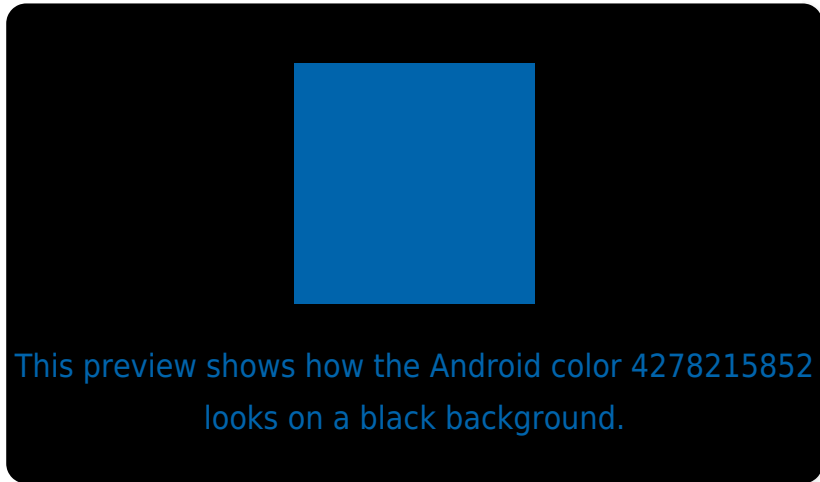
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278215852 Background



This preview shows how black text looks on a background with the Android color 4278215852.



This preview shows how white text looks on a background with the Android color 4278215852.

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
4278215852

Protanomaly
4280967593

Deuteranomaly
4279460780

Tritanomaly
4278217096

Monochromacy



Original Color
4278215852

Achromatopsia
4283321934

Achromatomaly
4281489008

CSS Examples

Text

The CSS property to change the color of the text to Android 4278215852 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(0, 100, 172)` looks like.

```
.text, #text, p{  
    color:rgb(0, 100, 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(0, 100, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 100, 172) }
```

Border

The CSS property to change the border of an element to Android 4278215852 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(0, 100, 172) }
```

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

```
.border{ border-color:rgb(0, 100, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 100, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 100, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 100, 172);  
box-shadow:4px 4px 4px 4px rgb(0, 100,  
172) }
```

Background

The CSS property to change the background color of an element to Android 4278215852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 100, 172) }
```

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

```
.background{ background-color: rgb(0, 100,  
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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