

Converting Colors

Android(4278212232)

Have a look what the booklet for
Android(4278212232) contains.

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Color

Android(4278212232)

Conversions

Conversions Part 1

Format	Color
Hex	005688
RGB	0, 86, 136
RGB Percent	0%, 34%, 53%
CMY	1.0000, 0.6627, 0.4667
CMYK	1.00, 0.37, 0.00, 0.47
HSL	202°, 100%, 27%
HSV	202°, 100%, 53%
XYZ	7.7717, 8.4332, 24.5107
YIQ	65.9860, -67.3060, -2.6820

Conversions

Conversions Part 2

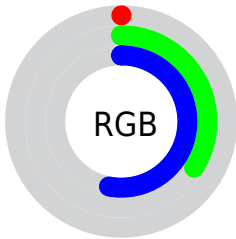
Format	Color
R _Y B	0, 53, 136
Decimal	22152
CIE Lab	34.87, -2.25, -33.96
CIE LCh	35, 34.033, 266.217
Yxy	8.4332, 0.1909, 0.2071
Android (android.graphics.Color)	4278212232 (0xFF005688)
YUV	65.9860, 34.5169, -57.8697
Hunter-Lab	29.0399, -3.0492, -29.7149

Details

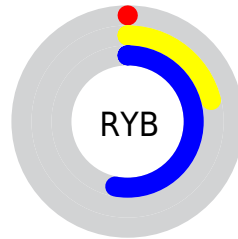
The Android color `4278212232` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4287115776`, and the grayscale version is `4282532418`.

A 20% lighter version of the original color is `4283402174`, and `4278200662` is the 20% darker color. If you saturate the color by 10%, you get `4278212232`, and if you desaturate by 10%, it is `4279131016`.

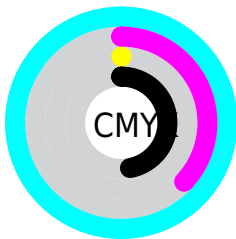
Distribution



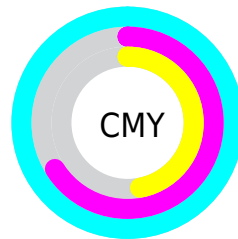
- Red (0%)
- Green (34%)
- Blue (53%)



- Red (0%)
- Yellow (21%)
- Blue (53%)



- Cyan (100%)
- Magenta (37%)
- Yellow (0%)
- Black (47%)



- Cyan (100%)
- Magenta (66%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278212232 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 4278212232 by changing the saturation by 10% instead.



4278212232



4278212232

4294967295



4278206318



4283402174



4278200662



4285309658



4278195518



4287151350



4278190888



4288993535



4278190353



4290901503



4278190080



4292870143



4294770687



4278212232

■ 4279131016

■ 4279984264

■ 4280903048

■ 4281756296

■ 4282675080

■ 4283593864

■ 4284447112

■ 4285365896

■ 4286219144

Harmonies

Analogous

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



4278213759



4278212232



4283255939

Triad

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



4278212232



4286790716



4280769843

Complementary

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



4278212232



4287115776

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.



4283062302



4278212232



4286072101

Square

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



4278212232



4286659159



4284763929



4278214478

Rectangle

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



4278212232



4284892536



4284763929



4281621291

Sweetspot

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



4278212232



4286291376



4278224946



4281945433



4292467161



4284045657

Same Dimension

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



4278212232



4278218672



4278194824



4282270277



4278211717



4278190853

Inverse Universe

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



4287103062



4289724527



4287133184



4282728002



4286906452



4278517763

Previews

White Background



This preview shows how the Android color 4278212232 looks on a white background.

Color Contrast Check

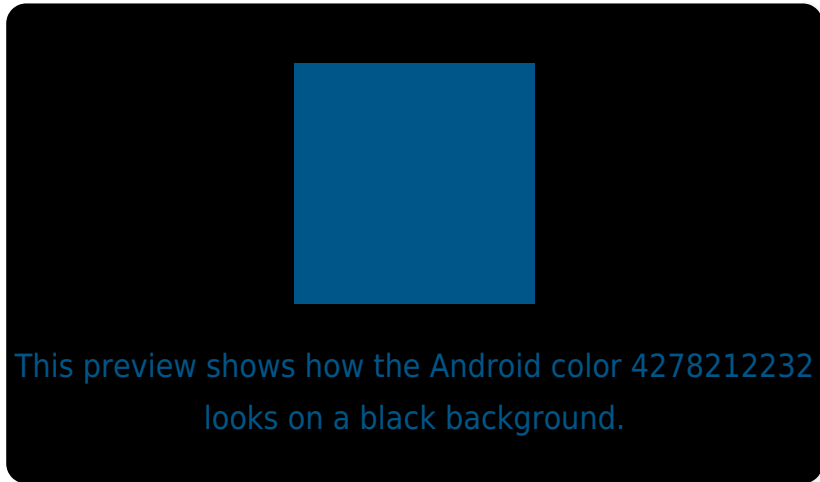
Large Text (above 18pt) WCAG AA ✓ Pass

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

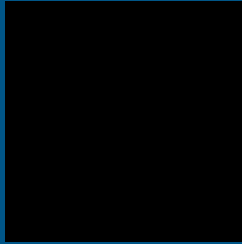
Any Text WCAG AA × Fail

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 4278212232 Background



This preview shows how black text looks on a background with the Android color 4278212232.



This preview shows how white text looks on a background with the Android color 4278212232.

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
4278212232

Protanomaly
4280832645

Deuteranomaly
4280112265

Tritanomaly
4278212976

Monochromacy



Original Color
4278212232

Achromatopsia
4282532418

Achromatomaly
4280961371

CSS Examples

Text

The CSS property to change the color of the text to Android 4278212232 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, 86, 136)` looks like.

```
.text, #text, p{  
    color:rgb(0, 86, 136)  
}
```

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, 86, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 86, 136) }
```

Border

The CSS property to change the border of an element to Android 4278212232 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, 86, 136) }
```

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

```
.border{ border-color:rgb(0, 86, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 86, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 86, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 86, 136);  
box-shadow:4px 4px 4px 4px rgb(0, 86, 136)  
}
```

Background

The CSS property to change the background color of an element to Android 4278212232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 86, 136) }
```

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

```
.background{ background-color: rgb(0, 86,  
136) }
```

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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