

Converting Colors

Android(4278212227)

Have a look what the booklet for
Android(4278212227) contains.

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Color

Android(4278212227)

Conversions

Conversions Part 1

Format	Color
Hex	005683
RGB	0, 86, 131
RGB Percent	0%, 34%, 51%
CMY	1.0000, 0.6627, 0.4863
CMYK	1.00, 0.34, 0.00, 0.49
HSL	201°, 100%, 26%
HSV	201°, 100%, 51%
XYZ	7.4245, 8.2943, 22.6824
YIQ	65.4160, -65.7010, -4.2370

Conversions

Conversions Part 2

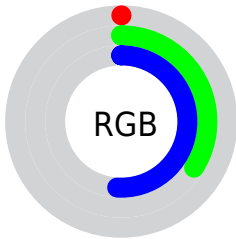
Format	Color
RYB	0, 52, 131
Decimal	22147
CIELab	34.59, -4.32, -31.34
CIELCh	35, 31.635, 262.158
Yxy	8.2943, 0.1933, 0.2160
Android (android.graphics.Color)	4278212227 (0xFF005683)
YUV	65.4160, 32.3329, -57.3698
Hunter-Lab	28.7998, -4.3827, -26.5363

Details

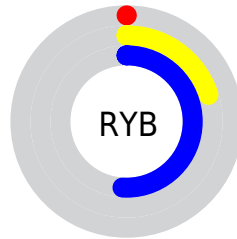
The Android color `4278212227` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4286786816`, and the grayscale version is `4282466625`.

A 20% lighter version of the original color is `4283336632`, and `4278200657` is the 20% darker color. If you saturate the color by 10%, you get `4278212227`, and if you desaturate by 10%, it is `4279065219`.

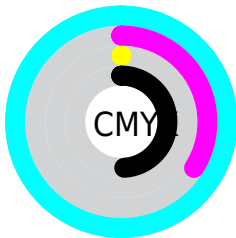
Distribution



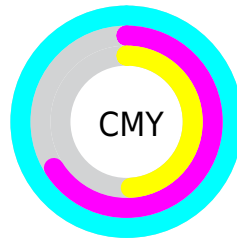
- Red (0%)
- Green (34%)
- Blue (51%)



- Red (0%)
- Yellow (20%)
- Blue (51%)



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (49%)



- Cyan (100%)
- Magenta (66%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278212227 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 4278212227 by changing the saturation by 10% instead.

 4278212227

 4278212227

4294967295

 4278206314

 4283336632

 4278200657

 4285178580

 4278195514

 4287020529

 4278190628

 4288927999

 4278190092

 4290770431

 4278190080

 4292673535

 4294639615

 4278212227

■ 4279065219

■ 4279918467

■ 4280771459

■ 4281624707

■ 4282543235

■ 4283396483

■ 4284249475

■ 4285102723

■ 4285955715

Harmonies

Analogous

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



4278213497



4278212227



4282928512

Triad

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



4278212227



4286594368



4281293617

Complementary

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



4278212227



4286786816

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.



4283258400



4278212227



4286006314

Square

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



4278212227



4286331993



4284894750



4278214218

Rectangle

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



4278212227



4284499831



4284894750



4282013994

Sweetspot

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



4278212227



4286093739



4278223660



4281814103



4292269782



4283914071

Same Dimension

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



4278212227



4278218923



4278195843



4282138690



4278211970



4278190595

Inverse Universe

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



4286775382



4289396848



4286803200



4282530880



4286709845



4278386690

Previews

White Background



This preview shows how the Android color 4278212227 looks on a white background.

Color Contrast Check

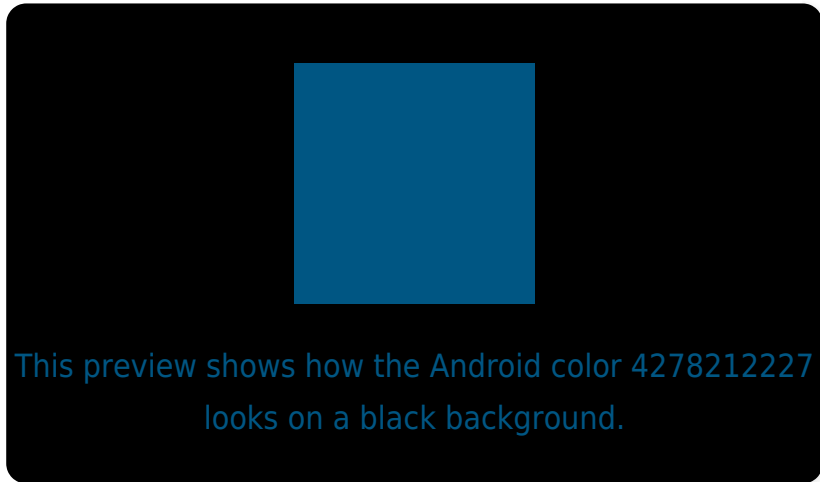
Large Text (above 18pt) WCAG AA ✓ Pass

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

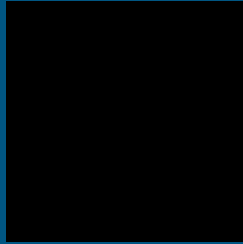
Any Text WCAG AA × Fail

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 4278212227 Background



This preview shows how black text looks on a background with the Android color 4278212227.



This preview shows how white text looks on a background with the Android color 4278212227.

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

4278212227

Protanomaly

4280898176

Deuteranomaly

4280308612

Monochromacy



Original Color

4278212227

Achromatopsia

4282466625

Achromatomaly

4280895833

CSS Examples

Text

The CSS property to change the color of the text to Android 4278212227 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, 131)` looks like.

```
.text, #text, p{  
    color:rgb(0, 86, 131)  
}
```

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, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 86, 131) }
```

Border

The CSS property to change the border of an element to Android 4278212227 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, 131) }
```

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

```
.border{ border-color:rgb(0, 86, 131) }
```

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, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 86, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 86, 131);  
box-shadow:4px 4px 4px 4px rgb(0, 86, 131)  
}
```

Background

The CSS property to change the background color of an element to Android 4278212227 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, 131) }
```

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

```
.background{ background-color: rgb(0, 86,  
131) }
```

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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