

Converting Colors

Android(4278217607)

Have a look what the booklet for
Android(4278217607) contains.

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Color

Android(4278217607)

Conversions

Conversions Part 1

Format	Color
Hex	006B87
RGB	0, 107, 135
RGB Percent	0%, 42%, 53%
CMY	1.0000, 0.5804, 0.4706
CMYK	1.00, 0.21, 0.00, 0.47
HSL	192°, 100%, 26%
HSV	192°, 100%, 53%
XYZ	9.6309, 12.2647, 24.7814
YIQ	78.1990, -72.7600, -13.9760

Conversions

Conversions Part 2

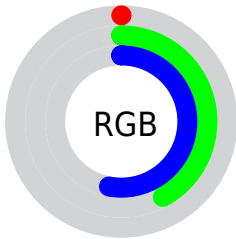
Format	Color
RYB	0, 60, 135
Decimal	27527
CIELab	41.63, -15.32, -22.74
CIELCh	42, 27.420, 236.035
Yxy	12.2647, 0.2063, 0.2628
Android (android.graphics.Color)	4278217607 (0xFF006B87)
YUV	78.1990, 28.0029, -68.5805
Hunter-Lab	35.0209, -12.1986, -17.4399

Details

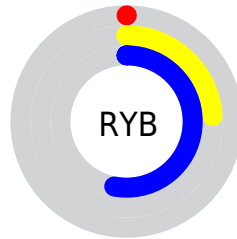
The Android color `4278217607` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4287044608`, and the grayscale version is `4283321934`.

A 20% lighter version of the original color is `4283473596`, and `4278205525` is the 20% darker color. If you saturate the color by 10%, you get `4278217607`, and if you desaturate by 10%, it is `4279070343`.

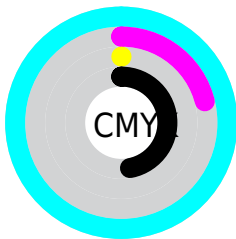
Distribution



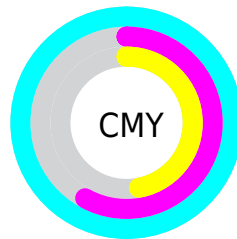
- Red (0%)
- Green (42%)
- Blue (53%)



- Red (0%)
- Yellow (24%)
- Blue (53%)



- Cyan (100%)
- Magenta (21%)
- Yellow (0%)
- Black (47%)



- Cyan (100%)
- Magenta (58%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278217607 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 4278217607 by changing the saturation by 10% instead.

 4278217607

 4278217607

4294967295

 4278211438

 4283473596

 4278205525

 4285381080

 4278199870

 4287288821

 4278193704

 4289131263

 4278190354

 4291035135

 4278190080

 4293001215

4294901759

 4278217607

■ 4279070343

■ 4279988615

■ 4280906631

■ 4281759367

■ 4282677639

■ 4283530375

■ 4284383111

■ 4285301127

■ 4286219399

Harmonies

Analogous

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



4278218357



4278217607



4282017167

Triad

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



4278217607



4287320422



4284311353

Complementary

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



4278217607



4287044608

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.



4285751349



4278217607



4287451728

Square

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



4278217607



4286338428



4286928958



4282543176

Rectangle

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



4278217607



4283785357



4286928958



4284835126

Sweetspot

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



4278217607



4286293424



4278224667



4281946969



4292467161



4284045657

Same Dimension

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



4278217607



4278225840



4278200455



4282138946



4278216578



4278190595

Inverse Universe

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



4287037547



4289724555



4287061504



4282530881



4286709863



4278386690

Previews

White Background



This preview shows how the Android color 4278217607 looks on a white background.

Color Contrast Check

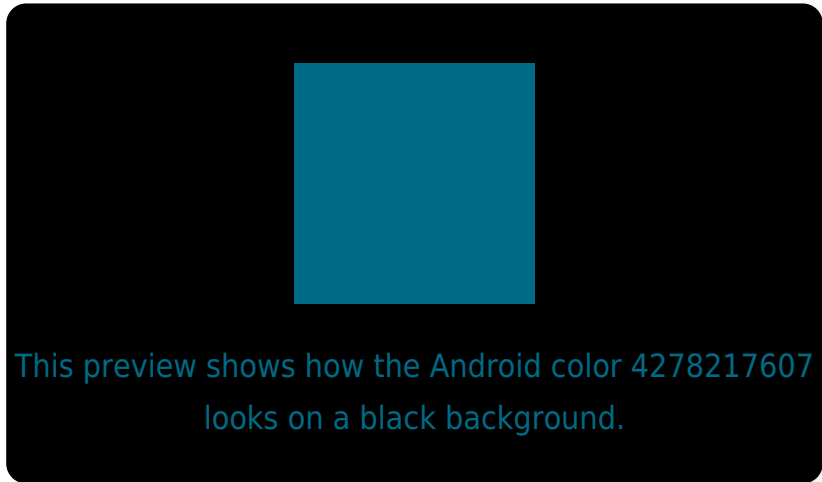
Large Text (above 18pt) WCAG AA ✓ Pass

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

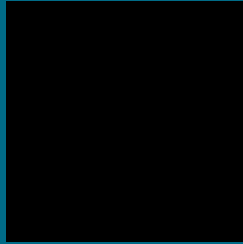
Any Text WCAG AA × Fail

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 4278217607 Background



This preview shows how black text looks on a background with the Android color 4278217607.

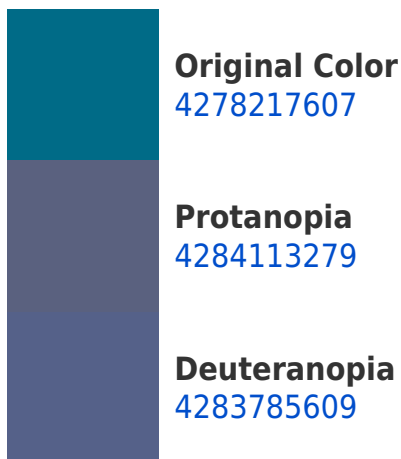


This preview shows how white text looks on a background with the Android color 4278217607.

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
4278217607

Protanomaly
4281951618

Deuteranomaly
4281755016

Tritanomaly
4278217852

Monochromacy



Original Color
4278217607

Achromatopsia
4283321934

Achromatomaly
4281489763

CSS Examples

Text

The CSS property to change the color of the text to Android 4278217607 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, 107, 135)` looks like.

```
.text, #text, p{  
    color:rgb(0, 107, 135)  
}
```

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, 107, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 107, 135) }
```

Border

The CSS property to change the border of an element to Android 4278217607 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, 107, 135) }
```

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

```
.border{ border-color:rgb(0, 107, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 107, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 107, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 107, 135);  
box-shadow:4px 4px 4px 4px rgb(0, 107,  
135) }
```

Background

The CSS property to change the background color of an element to Android 4278217607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 107, 135) }
```

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

```
.background{ background-color: rgb(0, 107,  
135) }
```

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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