

Converting Colors

Android(4278284187)

Have a look what the booklet for
Android(4278284187) contains.

Android(4278284187)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4278284187)

Conversions

Conversions Part 1

Format	Color
Hex	016F9B
RGB	1, 111, 155
RGB Percent	0%, 44%, 61%
CMY	0.9961, 0.5647, 0.3922
CMYK	0.99, 0.28, 0.00, 0.39
HSL	197°, 99%, 31%
HSV	197°, 99%, 61%
XYZ	11.6134, 13.7419, 33.0507
YIQ	83.1260, -79.6840, -9.6360

Conversions

Conversions Part 2

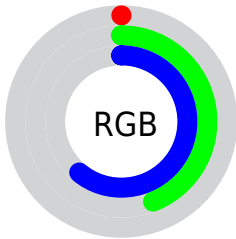
Format	Color
RYB	1, 65, 155
Decimal	94107
CIELab	43.86, -9.91, -31.20
CIELCh	44, 32.740, 252.381
Yxy	13.7419, 0.1988, 0.2353
Android (android.graphics.Color)	4278284187 (0xFF016F9B)
YUV	83.1260, 35.4339, -72.0245
Hunter-Lab	37.0701, -8.9519, -26.9124

Details

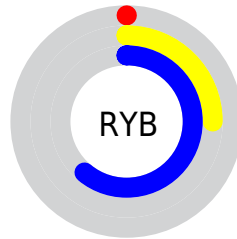
The Android color `4278284187` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4288359681`, and the grayscale version is `4283650899`.

A 20% lighter version of the original color is `4283868114`, and `4278206312` is the 20% darker color. If you saturate the color by 10%, you get `4278218651`, and if you desaturate by 10%, it is `4279268251`.

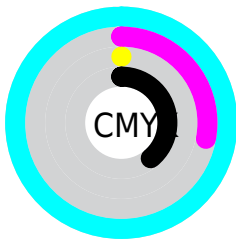
Distribution



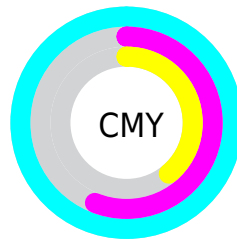
- Red (0%)
- Green (44%)
- Blue (61%)



- Red (0%)
- Yellow (25%)
- Blue (61%)



- Cyan (99%)
- Magenta (28%)
- Yellow (0%)
- Black (39%)



- Cyan (100%)
- Magenta (56%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278284187 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 4278284187 by changing the saturation by 10% instead.



4278284187



4278284187

4294967295



4278212481



4283868114



4278206312



4285775598



4278200911



4287683071



4278195768



4289656575



4278190626



4291559423



4278190088



4293525503



4278190080



4278284187



4278284187



4278218651



4279268251

■ 4280318107

■ 4281302171

■ 4282352027

■ 4283336091

■ 4284385947

■ 4285435547

■ 4286419611

■ 4287403931

Harmonies

Analogous

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



4278219916



4278284187



4283459485

Triad

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



4278284187



4288368989



4283396414

Complementary

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



4278284187



4288359681

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.



4285360689



4278284187



4288042820

Square

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



4278284187



4287779961



4286996532



4280841558

Rectangle

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



4278284187



4285358230



4286996532



4284116792

Sweetspot

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



4278284187



4287477961



4278295341



4282473574



4293322470



4284900966

Same Dimension

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



4278284187



4278227145



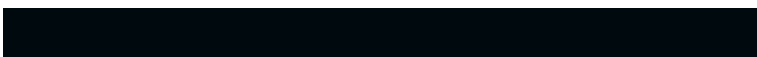
4278264475



4282731085



4278215820



4278192397

Inverse Universe

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



4288348527



4291362960



4288379393



4283254090



4287365220



4279042057

Previews

White Background



This preview shows how the Android color 4278284187 looks on a white background.

Color Contrast Check

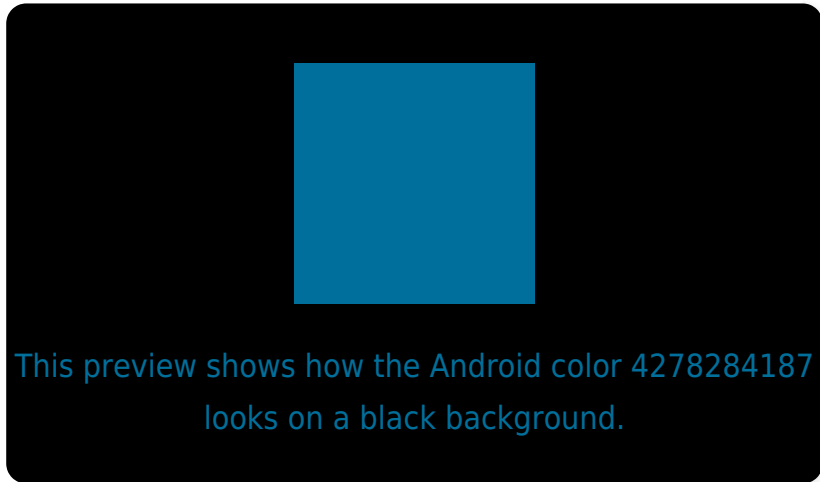
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278284187 Background



This preview shows how black text looks on a background with the Android color 4278284187.



This preview shows how white text looks on a background with the Android color 4278284187.

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
4278284187

Protanomaly
4281952663

Deuteranomaly
4281494172

Tritanomaly
4278219399

Monochromacy



Original Color
4278284187

Achromatopsia
4283650899

Achromatomaly
4281687405

CSS Examples

Text

The CSS property to change the color of the text to Android 4278284187 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, 111, 155)` looks like.

```
.text, #text, p{  
    color:rgb(1, 111, 155)  
}
```

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, 111, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 111, 155) }
```

Border

The CSS property to change the border of an element to Android 4278284187 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, 111, 155) }
```

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

```
.border{ border-color:rgb(1, 111, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 111, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 111, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 111, 155);  
box-shadow:4px 4px 4px 4px rgb(1, 111,  
155) }
```

Background

The CSS property to change the background color of an element to Android 4278284187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 111, 155) }
```

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

```
.background{ background-color: rgb(1, 111,  
155) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor