

Converting Colors

Android(4278480563)

Have a look what the booklet for
Android(4278480563) contains.

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Color

Android(4278480563)

Conversions

Conversions Part 1

Format	Color
Hex	046EB3
RGB	4, 110, 179
RGB Percent	2%, 43%, 70%
CMY	0.9843, 0.5686, 0.2980
CMYK	0.98, 0.39, 0.00, 0.30
HSL	204°, 96%, 36%
HSV	204°, 98%, 70%
XYZ	13.7627, 14.4323, 44.7082
YIQ	86.1720, -85.3250, -1.0130

Conversions

Conversions Part 2

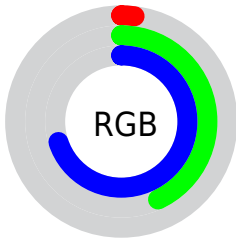
Format	Color
RYB	4, 70, 179
Decimal	290483
CIELab	44.85, 0.29, -43.74
CIELCh	45, 43.745, 270.377
Yxy	14.4323, 0.1888, 0.1980
Android (android.graphics.Color)	4278480563 (0xFF046EB3)
YUV	86.1720, 45.7642, -72.0648
Hunter-Lab	37.9899, -1.8168, -43.1821

Details

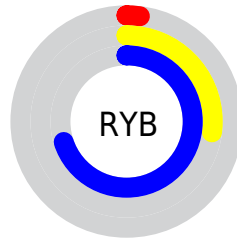
The Android color `4278480563` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4289939716`, and the grayscale version is `4283848278`.

A 20% lighter version of the original color is `4284260843`, and `4278206334` is the 20% darker color. If you saturate the color by 10%, you get `4278217907`, and if you desaturate by 10%, it is `4279662003`.

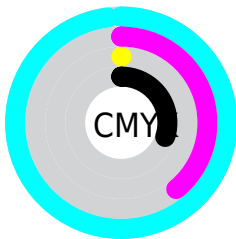
Distribution



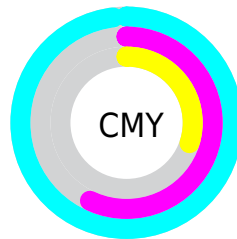
- Red (2%)
- Green (43%)
- Blue (70%)



- Red (2%)
- Yellow (27%)
- Blue (70%)



- Cyan (98%)
- Magenta (39%)
- Yellow (0%)
- Black (30%)



- Cyan (98%)
- Magenta (57%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278480563 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 4278480563 by changing the saturation by 10% instead.



4278480563



4278480563

4294967295



4278212248



4284260843



4278206334



4286299391



4278200932



4288272639



4278195788



4290245887



4278191413



4292214783



4278190622



4294180863



4278190081



4278190080



4278480563



4278480563

■ 4278217907

■ 4279662003

■ 4280843443

■ 4282024883

■ 4283206323

■ 4284387763

■ 4285503667

■ 4286685107

■ 4287866547

■ 4289048243

Harmonies

Analogous

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



4278220713



4278480563



4285227177

Triad

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



4278480563



4289416519



4280514884

Complementary

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



4278480563



4289939716

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.



4284052263



4278480563



4288305962

Square

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



4278480563



4289415531



4286408731



4278221929

Rectangle

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



4278480563



4287321753



4286408731



4281956153

Sweetspot

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



4278480563



4289056488



4278498119



4283196789



4294309365



4285887861

Same Dimension

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



4278480563



4278226408



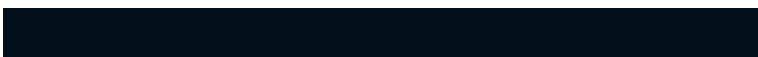
4278458547



4283455065



4278214041



4278193946

Inverse Universe

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



4289922158



4293394573



4289961732



4284043350



4288217181



4279894031

Previews

White Background



This preview shows how the Android color 4278480563 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



This preview shows how the Android color 4278480563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

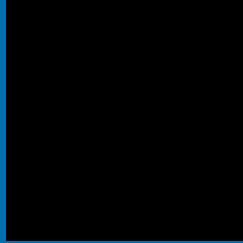
Any Text WCAG AA × Fail

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 4278480563 Background



This preview shows how black text looks on a background with the Android color 4278480563.



This preview shows how white text looks on a background with the Android color 4278480563.

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

4278480563

Protanomaly

4281559727

Deuteranomaly

4280511668

Tritanomaly

4278285201

Monochromacy



Original Color

4278480563

Achromatopsia

4283848278

Achromatomaly

4281884536

CSS Examples

Text

The CSS property to change the color of the text to Android 4278480563 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(4, 110, 179)` looks like.

```
.text, #text, p{  
    color:rgb(4, 110, 179)  
}
```

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(4, 110, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 110, 179) }
```

Border

The CSS property to change the border of an element to Android 4278480563 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(4, 110, 179) }
```

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

```
.border{ border-color:rgb(4, 110, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 110, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 110, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 110, 179);  
box-shadow:4px 4px 4px 4px rgb(4, 110,  
179) }
```

Background

The CSS property to change the background color of an element to Android 4278480563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 110, 179) }
```

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

```
.background{ background-color: rgb(4, 110,  
179) }
```

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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