

# Converting Colors

Android(4283268023)

Have a look what the booklet for  
Android(4283268023) contains.

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# Color

**Android(4283268023)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4D7BB7
RGB	77, 123, 183
RGB Percent	30%, 48%, 72%
CMY	0.6980, 0.5176, 0.2824
CMYK	0.58, 0.33, 0.00, 0.28
HSL	214°, 42%, 51%
HSV	214°, 58%, 72%
XYZ	18.6908, 19.1626, 47.5134
YIQ	116.0860, -46.6760, 8.9080

# Conversions

## Conversions Part 2

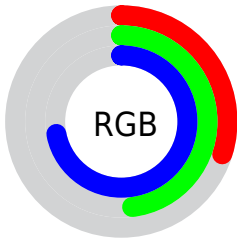
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	77, 109, 183
Decimal	5077943
CIE <sub>Lab</sub>	50.88, 2.50, -36.39
CIE <sub>LCh</sub>	51, 36.479, 273.924
Yxy	19.1626, 0.2189, 0.2245
Android (android.graphics.Color)	4283268023 (0xFF4D7BB7)
YUV	116.0860, 32.9886, -34.2784
Hunter-Lab	43.7751, -0.3918, -33.7106

# Details

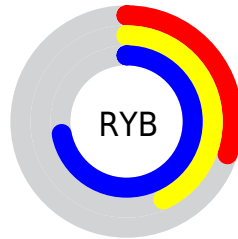
The Android color `4283268023` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4290218317`, and the grayscale version is `4285822068`.

A 20% lighter version of the original color is `4286951407`, and `4278274946` is the 20% darker color. If you saturate the color by 10%, you get `4282085815`, and if you desaturate by 10%, it is `4284450231`.

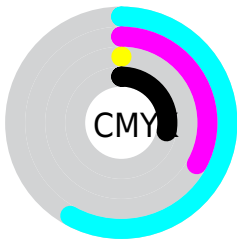
# Distribution



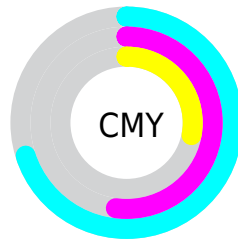
- Red (30%)
- Green (48%)
- Blue (72%)



- Red (30%)
- Yellow (43%)
- Blue (72%)



- Cyan (58%)
- Magenta (33%)
- Yellow (0%)
- Black (28%)



- Cyan (70%)
- Magenta (52%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283268023 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 4283268023 by changing the saturation by 10% instead.



■ 4283268023

■ 4283268023

4294967295

■ 4281295516

■ 4286951407

■ 4278274946

■ 4288859135

■ 4278203496

■ 4290701311

■ 4278198352

■ 4292607999

■ 4278191673

■ 4294574079

■ 4278190626

■ 4278190088

■ 4278190080

■ 4283268023

■ 4283268023

■ 4282085815

■ 4284450231

■ 4280837815

■ 4285698231

■ 4279655607

■ 4286880439

■ 4278473399

■ 4288062647

■ 4278210487

■ 4289310647

■ 4290492855

■ 4291675319

■ 4292857527

■ 4294105271

# Harmonies

## Analogous

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



4278224048



4283268023



4286672813

# Triad

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



4283268023



4289881176



4282353501

# Complementary

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



4283268023



4290218317

# 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.



4285038916



4283268023



4288835138

# Square

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



4283268023



4289945462



4287134009



4278225276

# Rectangle

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



4283268023



4288309406



4287134009



4283336019



# Sweetspot

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



4283268023



4291155693



4283283335



4284508792



4294440951



4286085240



# Same Dimension

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



4283268023



4282879981



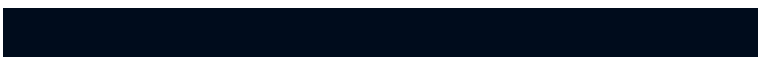
4283583927



4283651932



4278207644



4278193180



# Inverse Universe

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



4290203003



4293740431



4289902413



4284240727



4288413764

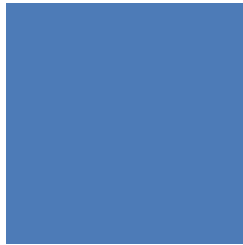


4280025100



# Previews

## White Background



This preview shows how the Android color 4283268023 looks on a white background.

## Color Contrast Check

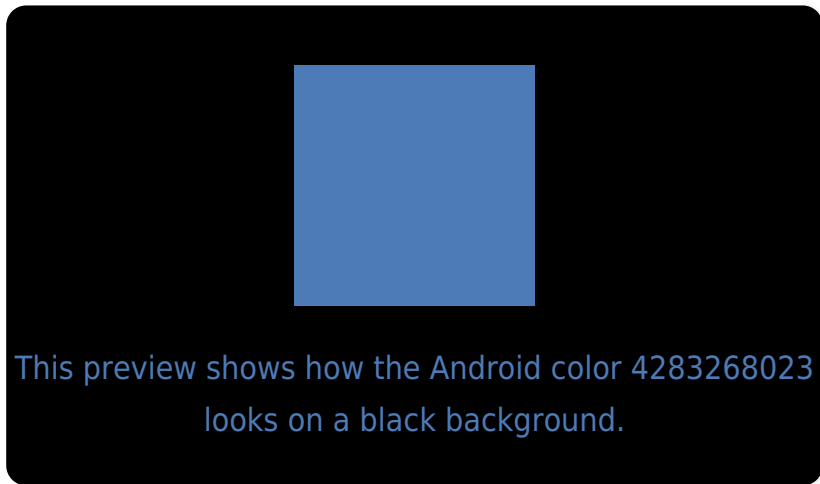
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black 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

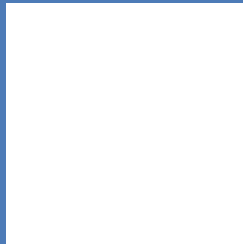
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4283268023 Background



This preview shows how black text looks on a background with the Android color 4283268023.

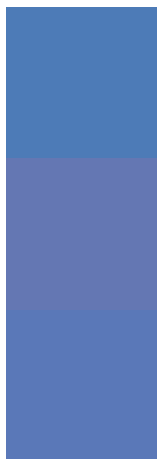


This preview shows how white text looks on a background with the Android color 4283268023.

# 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



**Original Color**  
4283268023

**Protanopia**  
4284774323

**Deuteranopia**  
4284119224



# Trichromacy



**Original Color**  
4283268023

**Protanomaly**  
4284250292

**Deuteranomaly**  
4283791800

**Tritanomaly**  
4282548381

# Monochromacy



**Original Color**  
4283268023

**Achromatopsia**  
4285822068

**Achromatomaly**  
4284905356

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283268023 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(77, 123, 183)` looks like.

```
.text, #text, p{  
    color:rgb(77, 123, 183)  
}
```

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(77, 123, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 123, 183) }
```

## Border

The CSS property to change the border of an element to Android 4283268023 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(77, 123, 183) }
```

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

```
.border{ border-color:rgb(77, 123, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 123, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 123, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 123, 183);  
box-shadow:4px 4px 4px 4px rgb(77, 123,  
183) }
```

# Background

The CSS property to change the background color of an element to Android 4283268023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 123, 183) }
```

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

```
.background{ background-color: rgb(77, 123,  
183) }
```

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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