

# Converting Colors

Android(4283463326)

Have a look what the booklet for  
Android(4283463326) contains.

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# Color

**Android(4283463326)**

# Conversions

## Conversions Part 1

Format	Color
Hex	50769E
RGB	80, 118, 158
RGB Percent	31%, 46%, 62%
CMY	0.6863, 0.5373, 0.3804
CMYK	0.49, 0.25, 0.00, 0.38
HSL	211°, 33%, 47%
HSV	211°, 49%, 62%
XYZ	15.9583, 17.1310, 34.8133
YIQ	111.1980, -35.4880, 4.3840

# Conversions

## Conversions Part 2

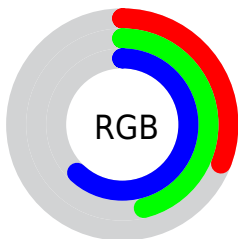
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	80, 106, 158
Decimal	5273246
CIE <sub>Lab</sub>	48.42, -1.86, -25.68
CIE <sub>LCh</sub>	48, 25.750, 265.868
Yxy	17.1310, 0.2350, 0.2523
Android (android.graphics.Color)	4283463326 (0xFF50769E)
YUV	111.1980, 23.0734, -27.3606
Hunter-Lab	41.3896, -3.6089, -20.8968

# Details

The Android color `4283463326` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4288575568`, and the grayscale version is `4285493103`.

A 20% lighter version of the original color is `4286950101`, and `4279780970` is the 20% darker color. If you saturate the color by 10%, you get `4282412702`, and if you desaturate by 10%, it is `4284513950`.

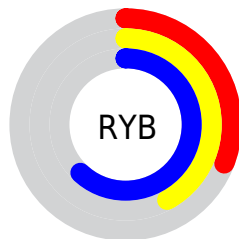
# Distribution



Red (31%)

Green (46%)

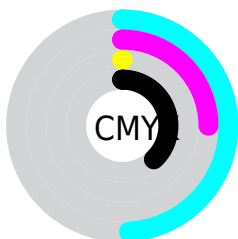
Blue (62%)



Red (31%)

Yellow (42%)

Blue (62%)

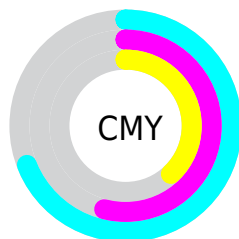


Cyan (49%)

Magenta (25%)

Yellow (0%)

Black (38%)



Cyan (69%)

Magenta (54%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283463326 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 4283463326 by changing the saturation by 10% instead.





4283463326



4283463326

4294967295



4281687428



4286950101



4279780970



4288792049



4278202450



4290634239



4278197051



4292476671



4278190629



4294377471



4278190350



4278190080



4283463326



4283463326



4282412702



4284513950

■ 4281362078

■ 4285564574

■ 4280376990

■ 4286549662

■ 4279326366

■ 4287600286

■ 4278275486

■ 4288651166

■ 4278209950

■ 4289701790

■ 4290752414

■ 4291737502

■ 4292788126

# Harmonies

## Analogous

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



4281302166



4283463326



4285689498

# Triad

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



4283463326



4288570465



4283792474

# Complementary

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



4283463326



4288575568

# 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.



4285429579



4283463326



4287981904

# Square

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



4283463326



4288373623



4286935367



4282023791

# Rectangle

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



4283463326



4286867857



4286935367



4284382036



# Sweetspot

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



4283463326



4289773519



4283473527



4283850601



4293454056



4285098345



# Same Dimension

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



4283463326



4283797711



4283453598



4282862415



4278208143



4278191887



# Inverse Universe

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



4288565366



4291777936



4288585296



4283385675



4287561798



4279173127



# Previews

## White Background



This preview shows how the Android color 4283463326 looks on a white background.

## Color Contrast Check

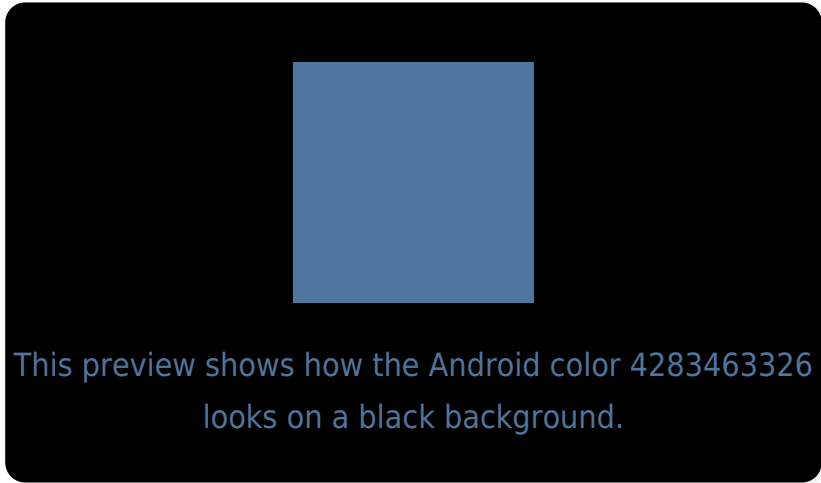
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283463326 Background



This preview shows how black text looks on a background with the Android color 4283463326.

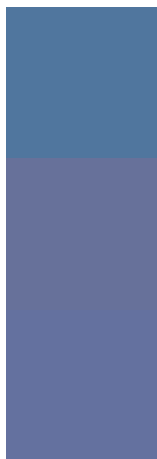


This preview shows how white text looks on a background with the Android color 4283463326.

# 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**

4283463326

**Protanopia**

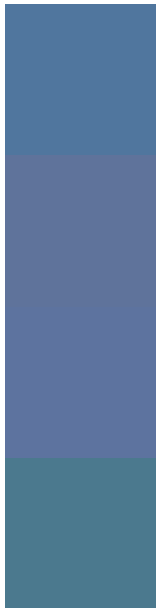
4284969370

**Deuteranopia**

4284772767



# Trichromacy



**Original Color**  
4283463326

**Protanomaly**  
4284445595

**Deuteranomaly**  
4284314527

**Tritanomaly**  
4283136398

# Monochromacy



**Original Color**  
4283463326

**Achromatopsia**  
4285493103

**Achromatomaly**  
4284772992

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283463326 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(80, 118, 158)` looks like.

```
.text, #text, p{  
    color:rgb(80, 118, 158)  
}
```

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(80, 118, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 118, 158) }
```

## Border

The CSS property to change the border of an element to Android 4283463326 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(80, 118, 158) }
```

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

```
.border{ border-color:rgb(80, 118, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 118, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 118, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 118, 158);  
box-shadow:4px 4px 4px 4px rgb(80, 118,  
158) }
```

# Background

The CSS property to change the background color of an element to Android 4283463326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 118, 158) }
```

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

```
.background{ background-color: rgb(80, 118,  
158) }
```

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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