

# Converting Colors

Android(4286283675)

Have a look what the booklet for  
Android(4286283675) contains.

<b>Android(4286283675)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4286283675)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7B7F9B
RGB	123, 127, 155
RGB Percent	48%, 50%, 61%
CMY	0.5176, 0.5020, 0.3922
CMYK	0.21, 0.18, 0.00, 0.39
HSL	232°, 14%, 55%
HSV	232°, 21%, 61%
XYZ	21.6741, 21.7563, 34.0674
YIQ	128.9960, -11.3720, 7.8600

# Conversions

## Conversions Part 2

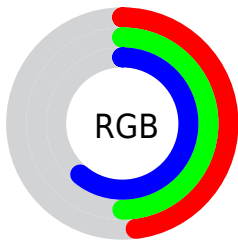
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 127, 155
Decimal	8093595
CIE <sub>Lab</sub>	53.77, 4.75, -15.49
CIE <sub>LCh</sub>	54, 16.199, 287.052
Yxy	21.7563, 0.2797, 0.2807
Android (android.graphics.Color)	4286283675 (0xFF7B7F9B)
YUV	128.9960, 12.8200, -5.2585
Hunter-Lab	46.6436, 1.3183, -10.6535

# Details

The Android color `4286283675` is a dark color, and the websafe version is hex `9999CC`. A complement of this color would be `4288386939`, and the grayscale version is `4286677377`.

A 20% lighter version of the original color is `4289770705`, and `4283059816` is the 20% darker color. If you saturate the color by 10%, you get `4285297051`, and if you desaturate by 10%, it is `4287335835`.

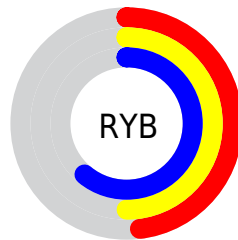
# Distribution



Red (48%)

Green (50%)

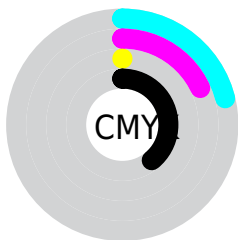
Blue (61%)



Red (48%)

Yellow (50%)

Blue (61%)

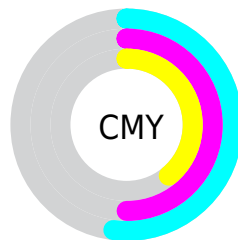


Cyan (21%)

Magenta (18%)

Yellow (0%)

Black (39%)



Cyan (52%)

Magenta (50%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286283675 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 4286283675 by changing the saturation by 10% instead.





4286283675



4286283675

4294967295



4284638849



4289770705



4283059816



4291547118



4281481040



4293454847



4280033849



4278586403



4278190091



4278190080



4286283675



4286283675



4285297051



4287335835

■ 4284245147

■ 4288322203

■ 4283258523

■ 4289374363

■ 4282206619

■ 4290360731

■ 4281219995

■ 4291412891

■ 4280168091

■ 4292399259

■ 4279181467

■ 4293451419

■ 4278195099

■ 4294438043

■ 4294965659

# Harmonies

## Analogous

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



4285105307



4286283675



4287462036

# Triad

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



4286283675



4288379245



4284778618

# Complementary

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



4286283675



4288386939

# 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.



4285761133



4286283675



4287724902

# Square

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



4286283675



4288575353



4286808678



4284189064

# Rectangle

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



4286283675



4287985804



4286808678



4285106293



# Sweetspot

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



4286283675



4290625481



4286290839



4284440678



4293322470



4284900966



# Same Dimension

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



4286283675



4288126409



4287069083



4282730061



4278194828



4278190605



# Inverse Universe

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



4288379775



4291401629



4287601531



4283254086



4287365138



4279042050



# Previews

## White Background



This preview shows how the Android color 4286283675 looks on a white background.

## Color Contrast Check

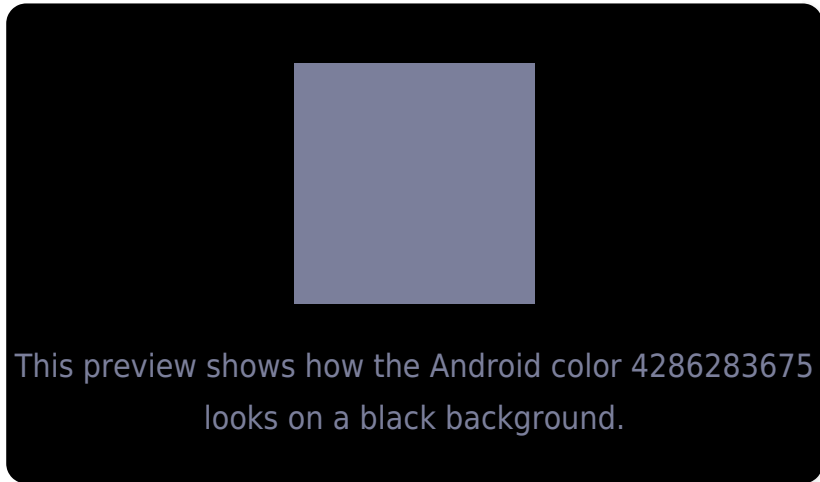
Large Text (above 18pt) WCAG AA ✓ Pass

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

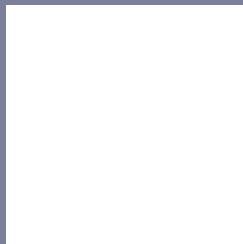
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4286283675 Background



This preview shows how black text looks on a background with the Android color 4286283675.



This preview shows how white text looks on a background with the Android color 4286283675.

# 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**  
4286283675

**Protanopia**  
4286218139

**Deuteranopia**  
4286545563



# Trichromacy



**Original Color**  
4286283675

**Protanomaly**  
4286218139

**Deuteranomaly**  
4286480027

**Tritanomaly**  
4286153105

# Monochromacy



**Original Color**  
4286283675

**Achromatopsia**  
4286677377

**Achromatomaly**  
4286546058

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286283675 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(123, 127, 155)` looks like.

```
.text, #text, p{  
    color:rgb(123, 127, 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(123, 127, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 127, 155) }
```

## Border

The CSS property to change the border of an element to Android 4286283675 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(123, 127, 155) }
```

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

```
.border{ border-color:rgb(123, 127, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 127, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 127, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 127, 155);  
box-shadow:4px 4px 4px 4px rgb(123, 127,  
155) }
```

# Background

The CSS property to change the background color of an element to Android 4286283675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 127, 155) }
```

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

```
.background{ background-color: rgb(123,  
127, 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](#).



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