

# Converting Colors

Android(4284446122)

Have a look what the booklet for  
Android(4284446122) contains.

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# Color

**Android(4284446122)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F75AA
RGB	95, 117, 170
RGB Percent	37%, 46%, 67%
CMY	0.6275, 0.5412, 0.3333
CMYK	0.44, 0.31, 0.00, 0.33
HSL	222°, 31%, 52%
HSV	222°, 44%, 67%
XYZ	18.3363, 18.0578, 40.5493
YIQ	116.4640, -30.1250, 11.8190

# Conversions

## Conversions Part 2

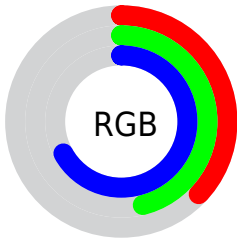
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	95, 112, 170
Decimal	6256042
CIE Lab	49.57, 6.30, -30.85
CIE LCh	50, 31.483, 281.537
Yxy	18.0578, 0.2383, 0.2347
Android (android.graphics.Color)	4284446122 (0xFF5F75AA)
YUV	116.4640, 26.3932, -18.8239
Hunter-Lab	42.4944, 2.6574, -26.8300

# Details

The Android color `4284446122` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4289369183`, and the grayscale version is `4285822068`.

A 20% lighter version of the original color is `4287998434`, and `4280960374` is the 20% darker color. If you saturate the color by 10%, you get `4283328938`, and if you desaturate by 10%, it is `4285563306`.

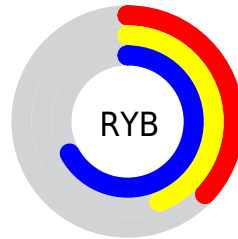
# Distribution



Red (37%)

Green (46%)

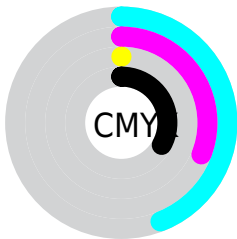
Blue (67%)



Red (37%)

Yellow (44%)

Blue (67%)

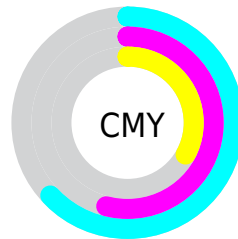


Cyan (44%)

Magenta (31%)

Yellow (0%)

Black (33%)



Cyan (63%)

Magenta (54%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284446122 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 4284446122 by changing the saturation by 10% instead.



 4284446122

 4284446122

4294967295


 4282735759

 4287998434

 4280960374

 4289774846

 4278792029

 4291617023

 4278197061

 4293524991

 4278190126

 4278190361

 4278190080

 4284446122

 4284446122

 4283328938

 4285563306

■ 4282211754

■ 4286680490

■ 4281094570

■ 4287797674

■ 4279977386

■ 4288914858

■ 4278860202

■ 4290032042

■ 4278203050

■ 4291149226

■ 4292266410

■ 4293383594

■ 4294500778

# Harmonies

## Analogous

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



4281040296



4284446122



4286999454

# Triad

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



4284446122



4289029716



4282221412

# Complementary

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



4284446122



4289369183

# 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.



4284448589



4284446122



4287983427

# Square

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



4284446122



4289290604



4286412864



4278289536

# Rectangle

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



4284446122



4288177552



4286412864



4283007579



# Sweetspot

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



4284446122



4290890206



4284459667



4284376176



4293980400



4285558896



# Same Dimension

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



4284446122



4285041630



4285423530



4283190868



4278201236



4278191636



# Inverse Universe

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



4289355637



4292765835



4288391775



4283714638



4287889451

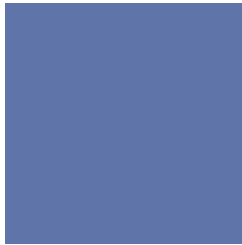


4279500806



# Previews

## White Background



This preview shows how the Android color 4284446122 looks on a white background.

## Color Contrast Check

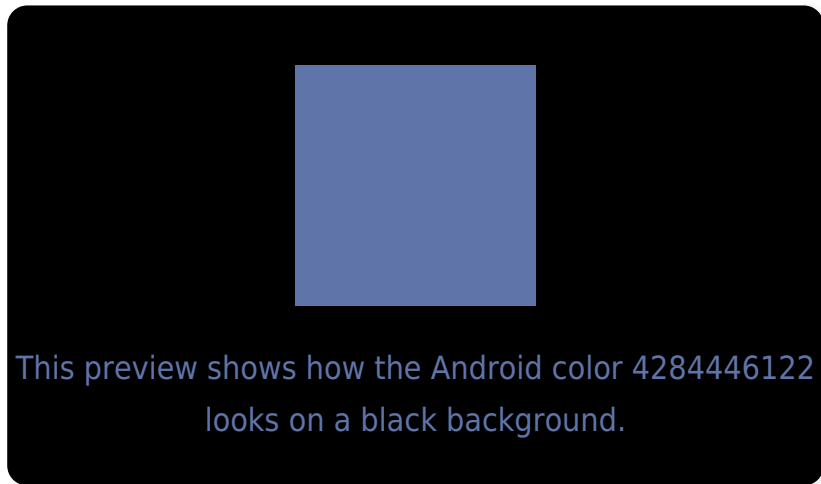
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

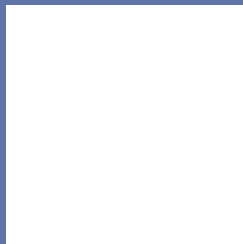
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4284446122 Background



This preview shows how black text looks on a background with the Android color 4284446122.

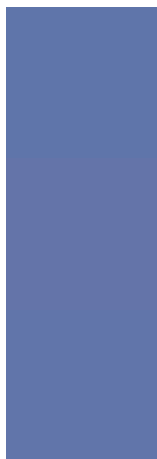


This preview shows how white text looks on a background with the Android color 4284446122.

# 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**

4284446122

**Protanopia**

4284773545

**Deuteranopia**

4284577194



# Trichromacy



**Original Color**  
4284446122

**Protanomaly**  
4284642473

**Deuteranomaly**  
4284511658

**Tritanomaly**  
4284053907

# Monochromacy



**Original Color**  
4284446122

**Achromatopsia**  
4285822068

**Achromatomaly**  
4285297800

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284446122 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(95, 117, 170)` looks like.

```
.text, #text, p{  
    color:rgb(95, 117, 170)  
}
```

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(95, 117, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 117, 170) }
```

## Border

The CSS property to change the border of an element to Android 4284446122 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(95, 117, 170) }
```

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

```
.border{ border-color:rgb(95, 117, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 117, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 117, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 117, 170);  
box-shadow:4px 4px 4px 4px rgb(95, 117,  
170) }
```

# Background

The CSS property to change the background color of an element to Android 4284446122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 117, 170) }
```

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

```
.background{ background-color: rgb(95, 117,  
170) }
```

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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