

# Converting Colors

Android(4284648152)

Have a look what the booklet for  
Android(4284648152) contains.

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# **Color**

**Android(4284648152)**

# Conversions

## Conversions Part 1

Format	Color
Hex	628AD8
RGB	98, 138, 216
RGB Percent	38%, 54%, 85%
CMY	0.6157, 0.4588, 0.1529
CMYK	0.55, 0.36, 0.00, 0.15
HSL	220°, 60%, 62%
HSV	220°, 55%, 85%
XYZ	26.5202, 25.7315, 68.5347
YIQ	134.9320, -48.8780, 15.7780

# Conversions

## Conversions Part 2

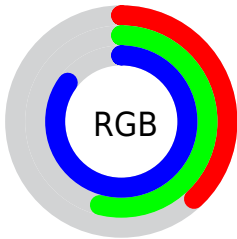
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	98, 128, 216
Decimal	6458072
CIE Lab	57.78, 8.70, -44.19
CIE LCh	58, 45.041, 281.140
Yxy	25.7315, 0.2196, 0.2130
Android (android.graphics.Color)	4284648152 (0xFF628AD8)
YUV	134.9320, 39.9665, -32.3894
Hunter-Lab	50.7262, 4.5506, -44.5966

# Details

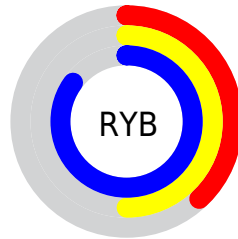
The Android color `4284648152` is a light color, and the websafe version is hex `6699FF`. A complement of this color would be `4292391010`, and the grayscale version is `4287072135`.

A 20% lighter version of the original color is `4288462847`, and `4280375713` is the 20% darker color. If you saturate the color by 10%, you get `4283202776`, and if you desaturate by 10%, it is `4286093528`.

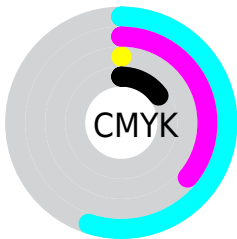
# Distribution



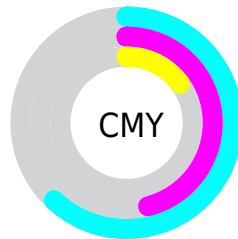
- Red (38%)
- Green (54%)
- Blue (85%)



- Red (38%)
- Yellow (50%)
- Blue (85%)



- Cyan (55%)
- Magenta (36%)
- Yellow (0%)
- Black (15%)



- Cyan (62%)
- Magenta (46%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284648152 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 4284648152 by changing the saturation by 10% instead.



 4284648152

 4284648152

4294967295

 4282675644

 4288462847

 4280375713

 4290370559

 4278207110

 4292278271

 4278201452

 4294246399

 4278196564

 4278191676

 4278190629

 4278190350

 4278190080

■ 4284648152

■ 4284648152

■ 4283202776

■ 4286093528

■ 4281822680

■ 4287473624

■ 4280377304

■ 4288919000

■ 4278997464

■ 4290298840

■ 4278208984

■ 4291744216

■ 4293189848

■ 4294569688

■ 4294966488

■ 4294967256

# Harmonies

## Analogous

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



4278228693



4284648152



4288773062

# Triad

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



4284648152



4291719769



4280917360

# Complementary

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



4284648152



4292391010

# 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.



4285110093



4284648152



4290150463

# Square

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



4284648152



4292176254



4287925562



4278230937

# Rectangle

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



4284648152



4290539953



4287925562



4282686307



# Sweetspot

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



4284648152



4292273407



4284668079



4284968832



4278190080



4286611584



# Same Dimension

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



4284648152



4283928831



4285817560



4284507243



4278205099



4278193963



# Inverse Universe

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



4292371082



4294924176



4291221602



4285227108



4289396794

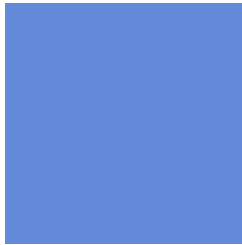


4281008143



# Previews

## White Background



This preview shows how the Android color 4284648152 looks on a white background.

## Color Contrast Check

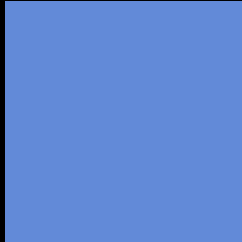
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Android color 4284648152 looks on a 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 4284648152 Background



This preview shows how black text looks on a background with the Android color 4284648152.



This preview shows how white text looks on a background with the Android color 4284648152.

# 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**  
4284648152

**Protanopia**  
4285434070

**Deuteranopia**  
4284582616



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284648152 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(98, 138, 216)` looks like.

```
.text, #text, p{  
    color:rgb(98, 138, 216)  
}
```

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(98, 138, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 138, 216) }
```

## Border

The CSS property to change the border of an element to Android 4284648152 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(98, 138, 216) }
```

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

```
.border{ border-color:rgb(98, 138, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 138, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 138, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 138, 216);  
box-shadow:4px 4px 4px 4px rgb(98, 138,  
216) }
```

# Background

The CSS property to change the background color of an element to Android 4284648152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 138, 216) }
```

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

```
.background{ background-color: rgb(98, 138,  
216) }
```

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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