

# Converting Colors

Android(4284118693)

Have a look what the booklet for  
Android(4284118693) contains.

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# Color

**Android(4284118693)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5A76A5
RGB	90, 118, 165
RGB Percent	35%, 46%, 65%
CMY	0.6471, 0.5373, 0.3529
CMYK	0.45, 0.28, 0.00, 0.35
HSL	218°, 29%, 50%
HSV	218°, 45%, 65%
XYZ	17.4864, 17.8471, 38.1205
YIQ	114.9860, -31.7750, 8.6810

# Conversions

## Conversions Part 2

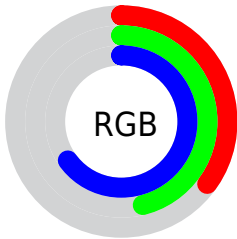
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	90, 110, 165
Decimal	5928613
CIE <sub>Lab</sub>	49.31, 2.87, -28.36
CIE <sub>LCh</sub>	49, 28.501, 275.770
Yxy	17.8471, 0.2381, 0.2430
Android (android.graphics.Color)	4284118693 (0xFF5A76A5)
YUV	114.9860, 24.6569, -21.9127
Hunter-Lab	42.2459, -0.0456, -23.9282

# Details

The Android color `4284118693` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4289038682`, and the grayscale version is `4285756275`.

A 20% lighter version of the original color is `4287605468`, and `4280632945` is the 20% darker color. If you saturate the color by 10%, you get `4283067557`, and if you desaturate by 10%, it is `4285169829`.

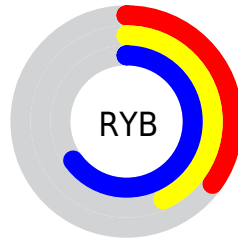
# Distribution



Red (35%)

Green (46%)

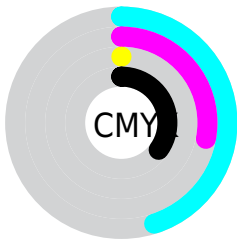
Blue (65%)



Red (35%)

Yellow (43%)

Blue (65%)

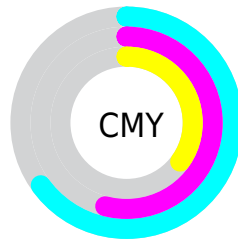


Cyan (45%)

Magenta (28%)

Yellow (0%)

Black (35%)



Cyan (65%)

Magenta (54%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284118693 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 4284118693 by changing the saturation by 10% instead.



 4284118693

 4284118693

4294967295

 4282408331

 4287605468

 4280632945

 4289447417

 4278267992

 4291289599

 4278197057

 4293197567

 4278190890

 4278190357

 4278190080

 4284118693

 4284118693

 4283067557

 4285169829

■ 4281950629

■ 4286286757

■ 4280899493

■ 4287337893

■ 4279782821

■ 4288454565

■ 4278665893

■ 4289505957

■ 4278206117

■ 4290622629

■ 4291739301

■ 4292790693

■ 4293841829

# Harmonies

## Analogous

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



4281367969



4284118693



4286475676

# Triad

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



4284118693



4288832858



4283007073

# Complementary

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



4284118693



4289038682

# 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.



4284972109



4284118693



4287982922

# Square

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



4284118693



4288963185



4286674245



4280844921

# Rectangle

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



4284118693



4287654033



4286674245



4283662169



# Sweetspot

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



4284118693



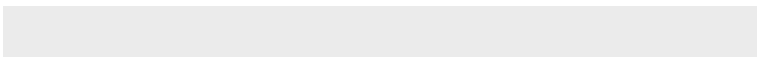
4290298838



4284130696



4284047467



4293651435



4285229931



# Same Dimension

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



4284118693



4284517590



4284701349



4282993746



4278204049



4278191890



# Inverse Universe

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



4289026678



4292239500



4288456026



4283582796



4287692854

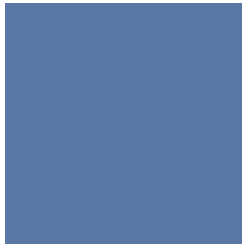


4279369735



# Previews

## White Background



This preview shows how the Android color 4284118693 looks on a white background.

## Color Contrast Check

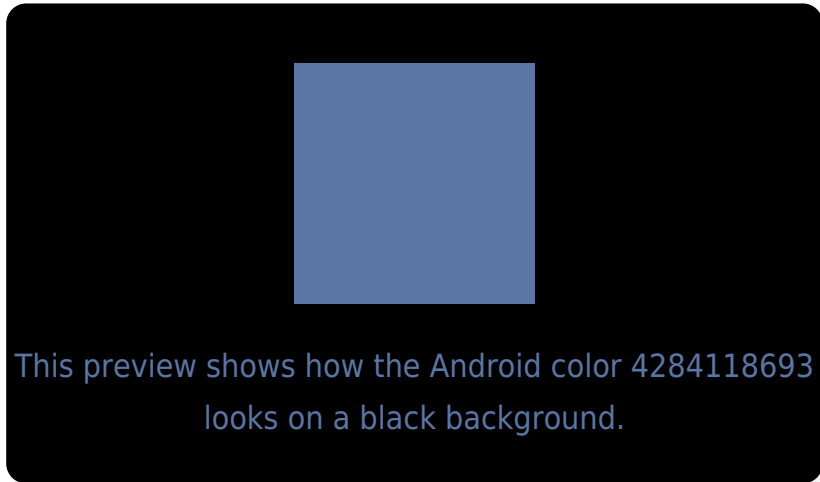
Large Text (above 18pt) WCAG AA ✓ Pass

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

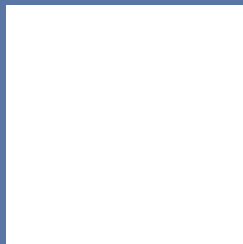
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4284118693 Background



This preview shows how black text looks on a background with the Android color 4284118693.

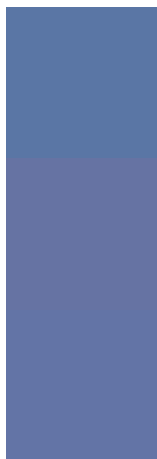


This preview shows how white text looks on a background with the Android color 4284118693.

# 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**

4284118693

**Protanopia**

4284904355

**Deuteranopia**

4284708006



# Trichromacy



**Original Color**

4284118693

**Protanomaly**

4284642468

**Deuteranomaly**

4284511654

**Tritanomaly**

4283726481

# Monochromacy



**Original Color**

4284118693

**Achromatopsia**

4285756275

**Achromatomaly**

4285166725

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284118693 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(90, 118, 165)` looks like.

```
.text, #text, p{  
    color:rgb(90, 118, 165)  
}
```

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(90, 118, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 118, 165) }
```

## Border

The CSS property to change the border of an element to Android 4284118693 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(90, 118, 165) }
```

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

```
.border{ border-color:rgb(90, 118, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 118, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 118, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 118, 165);  
box-shadow:4px 4px 4px 4px rgb(90, 118,  
165) }
```

# Background

The CSS property to change the background color of an element to Android 4284118693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 118, 165) }
```

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

```
.background{ background-color: rgb(90, 118,  
165) }
```

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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