

# Converting Colors

Android(4283393171)

Have a look what the booklet for  
Android(4283393171) contains.

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# Color

**Android(4283393171)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4F6493
RGB	79, 100, 147
RGB Percent	31%, 39%, 58%
CMY	0.6902, 0.6078, 0.4235
CMYK	0.46, 0.32, 0.00, 0.42
HSL	221°, 30%, 44%
HSV	221°, 46%, 58%
XYZ	13.0481, 12.8832, 29.4028
YIQ	99.0790, -27.6030, 10.1650

# Conversions

## Conversions Part 2

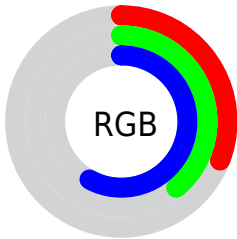
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 95, 147
Decimal	5203091
CIE <sub>Lab</sub>	42.59, 5.40, -28.26
CIE <sub>LCh</sub>	43, 28.773, 280.824
Yxy	12.8832, 0.2358, 0.2328
Android (android.graphics.Color)	4283393171 (0xFF4F6493)
YUV	99.0790, 23.6251, -17.6093
Hunter-Lab	35.8932, 2.0763, -23.4436

# Details

The Android color `4283393171` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4287856207`, and the grayscale version is `4284703587`.

A 20% lighter version of the original color is `4286814153`, and `4279907936` is the 20% darker color. If you saturate the color by 10%, you get `4282407571`, and if you desaturate by 10%, it is `4284378771`.

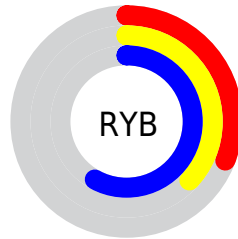
# Distribution



Red (31%)

Green (39%)

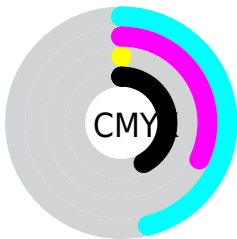
Blue (58%)



Red (31%)

Yellow (37%)

Blue (58%)

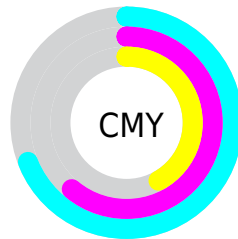


Cyan (46%)

Magenta (32%)

Yellow (0%)

Black (42%)



Cyan (69%)

Magenta (61%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283393171 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 4283393171 by changing the saturation by 10% instead.





4283393171



4283393171

4294967295



4281683065



4286814153



4279907936



4288590309



4278198600



4290432511



4278192433



4292274687



4278190364



4294180863



4278190080



4283393171



4283393171



4282407571



4284378771



4281487507



4285298835

■ 4280501907

■ 4286284435

■ 4279516051

■ 4287270291

■ 4278595987

■ 4288190355

■ 4278201747

■ 4289175955

■ 4290161555

■ 4291147155

■ 4292067219

# Harmonies

## Analogous

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



4280183697



4283393171



4285684617

# Triad

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



4283393171



4287583815



4281495636

# Complementary

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



4283393171



4287856207

# 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.



4283526208



4283393171



4286668344

# Square

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



4283393171



4287779421



4285228597



4278219117

# Rectangle

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



4283393171



4286797436



4285228597



4282216269



# Sweetspot

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



4283393171



4288982463



4283405181



4283455073



4292927712



4284572001



# Same Dimension

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



4283393171



4283725247



4284174227



4282598730



4278201226



4278190858



# Inverse Universe

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



4287844196



4290729077



4287075151



4283056965



4287234091



4278845443



# Previews

## White Background



This preview shows how the Android color 4283393171 looks on a white background.

## Color Contrast Check

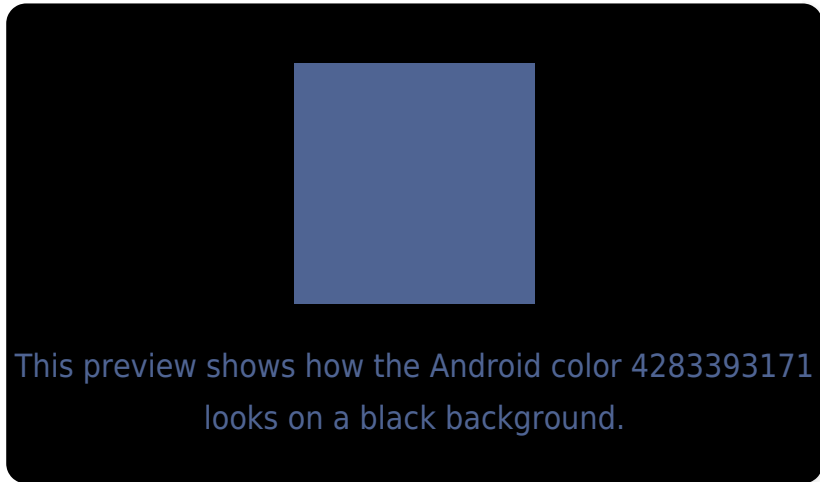
Large Text (above 18pt) WCAG AA ✓ Pass

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

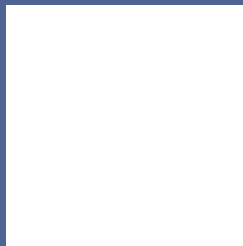
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4283393171 Background



This preview shows how black text looks on a background with the Android color 4283393171.



This preview shows how white text looks on a background with the Android color 4283393171.

# 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**  
4283393171

**Protanopia**  
4283786130

**Deuteranopia**  
4283524243



# Trichromacy



**Original Color**  
4283393171

**Protanomaly**  
4283655058

**Deuteranomaly**  
4283458707

**Tritanomaly**  
4283000959

# Monochromacy



**Original Color**  
4283393171

**Achromatopsia**  
4284703587

**Achromatomaly**  
4284244852

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283393171 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(79, 100, 147)` looks like.

```
.text, #text, p{  
    color:rgb(79, 100, 147)  
}
```

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(79, 100, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 100, 147) }
```

## Border

The CSS property to change the border of an element to Android 4283393171 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(79, 100, 147) }
```

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

```
.border{ border-color:rgb(79, 100, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 100, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 100, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 100, 147);  
box-shadow:4px 4px 4px 4px rgb(79, 100,  
147) }
```

# Background

The CSS property to change the background color of an element to Android 4283393171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 100, 147) }
```

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

```
.background{ background-color: rgb(79, 100,  
147) }
```

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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