

# Converting Colors

Android(4281291667)

Have a look what the booklet for  
Android(4281291667) contains.

<b>Android(4281291667)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4281291667)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2F5393
RGB	47, 83, 147
RGB Percent	18%, 33%, 58%
CMY	0.8157, 0.6745, 0.4235
CMYK	0.68, 0.44, 0.00, 0.42
HSL	218°, 52%, 38%
HSV	218°, 68%, 58%
XYZ	9.5320, 8.8974, 28.8187
YIQ	79.5320, -42.0000, 12.2720

# Conversions

## Conversions Part 2

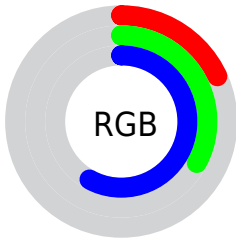
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	47, 73, 147
Decimal	3101587
CIE <sub>Lab</sub>	35.79, 9.09, -39.12
CIE <sub>LCh</sub>	36, 40.166, 283.074
Yxy	8.8974, 0.2017, 0.1883
Android (android.graphics.Color)	4281291667 (0xFF2F5393)
YUV	79.5320, 33.2617, -28.5306
Hunter-Lab	29.8286, 4.8414, -36.4028




# Details

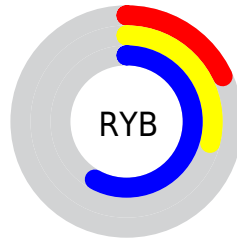
The Android color `4281291667` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4287852335`, and the grayscale version is `4283387727`.




A 20% lighter version of the original color is `4285039817`, and `4278200160` is the 20% darker color. If you saturate the color by 10%, you get `4280306323`, and if you desaturate by 10%, it is `4282277011`.

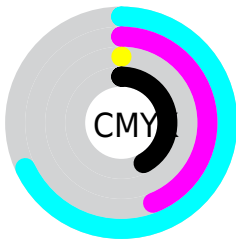
# Distribution







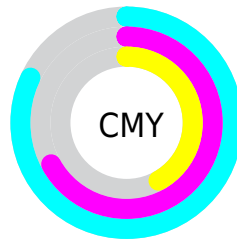
-  Red (18%)
-  Green (33%)
-  Blue (58%)






-  Red (18%)
-  Yellow (29%)
-  Blue (58%)



-  Cyan (68%)
-  Magenta (44%)
-  Yellow (0%)
-  Black (42%)



-  Cyan (82%)
-  Magenta (67%)
-  Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281291667 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 4281291667 by changing the saturation by 10% instead.





4281291667



4281291667

4294967295



4278598777



4285039817



4278200160



4286881510



4278195016



4288723455



4278191153



4290565375



4278190363



4292473343



4278190080



4294377471



4281291667



4281291667



4280306323



4282277011

■ 4279386259

■ 4283197075

■ 4278400915

■ 4284182419

■ 4278203795

■ 4285168019

■ 4286153363

■ 4287073171

■ 4288058771

■ 4289044115

■ 4289964179

# Harmonies

## Analogous

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



4278214034



4281291667



4285023619

# Triad

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



4281291667



4287053610



4278215232

# Complementary

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



4281291667



4287852335

# 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.



4281556514



4281291667



4285811730

# Square

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



4281291667



4287575623



4283979533



4278215778

# Rectangle

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



4281291667



4286463090



4283979533



4278411574



# Sweetspot

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



4281291667



4288260031



4281308014



4283060833



4292927712



4284572001



# Same Dimension

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



4281291667



4280441791



4282134419



4282598730



4278203018



4278191114



# Inverse Universe

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



4287835987



4290716251



4287009583



4283056965



4287234098



4278845444



# Previews

## White Background



This preview shows how the Android color 4281291667 looks on a white background.

## Color Contrast Check

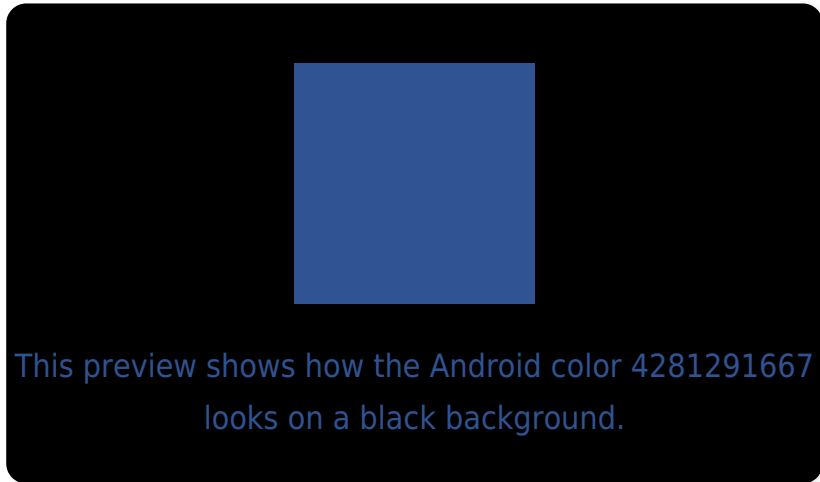
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

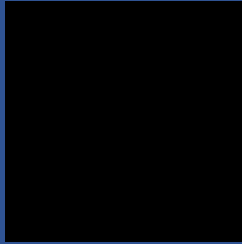
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4281291667 Background



This preview shows how black text looks on a background with the Android color 4281291667.



This preview shows how white text looks on a background with the Android color 4281291667.

# 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**

4281291667

**Protanopia**

4281815698

**Deuteranopia**

4280309139



# Trichromacy



**Original Color**

4281291667

**Protanomaly**

4281619090

**Deuteranomaly**

4280636563

**Tritanomaly**

4279327094

# Monochromacy



**Original Color**

4281291667

**Achromatopsia**

4283453520

**Achromatomaly**

4282667368

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281291667 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(47, 83, 147)` looks like.

```
.text, #text, p{  
    color:rgb(47, 83, 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(47, 83, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 83, 147) }
```

## Border

The CSS property to change the border of an element to Android 4281291667 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(47, 83, 147) }
```

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

```
.border{ border-color:rgb(47, 83, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 83, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 83, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 83, 147);  
box-shadow:4px 4px 4px 4px rgb(47, 83,  
147) }
```

# Background

The CSS property to change the background color of an element to Android 4281291667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 83, 147) }
```

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

```
.background{ background-color: rgb(47, 83,  
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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor