

# Converting Colors

Android(4281504991)

Have a look what the booklet for  
Android(4281504991) contains.

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# Color

**Android(4281504991)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3294DF
RGB	50, 148, 223
RGB Percent	20%, 58%, 87%
CMY	0.8039, 0.4196, 0.1255
CMYK	0.78, 0.34, 0.00, 0.13
HSL	206°, 73%, 54%
HSV	206°, 78%, 87%
XYZ	25.2246, 27.1856, 73.7299
YIQ	127.2480, -82.4830, 2.5490

# Conversions

## Conversions Part 2

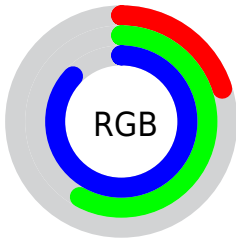
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	50, 113, 223
Decimal	3314911
CIE Lab	59.15, -2.59, -46.07
CIE LCh	59, 46.138, 266.784
Yxy	27.1856, 0.2000, 0.2155
Android (android.graphics.Color)	4281504991 (0xFF3294DF)
YUV	127.2480, 47.2057, -67.7465
Hunter-Lab	52.1398, -4.8887, -47.3429

# Details

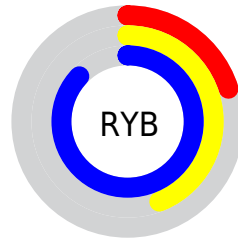
The Android color `4281504991` is a dark color, and the websafe version is hex `6699CC`. The color can be described as middle muted azure. A complement of this color would be `4292836658`, and the grayscale version is `4286545791`.

A 20% lighter version of the original color is `4286171903`, and `4278215335` is the 20% darker color. If you saturate the color by 10%, you get `4280060639`, and if you desaturate by 10%, it is `4282949343`.

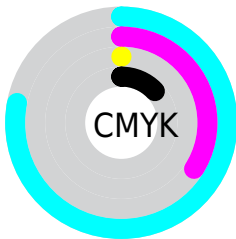
# Distribution



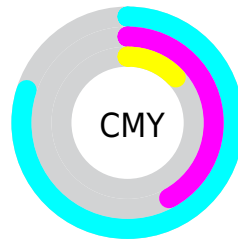
- Red (20%)
- Green (58%)
- Blue (87%)



- Red (20%)
- Yellow (44%)
- Blue (87%)



- Cyan (78%)
- Magenta (34%)
- Yellow (0%)
- Black (13%)




- Cyan (80%)
- Magenta (42%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281504991 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 4281504991 by changing the saturation by 10% instead.



 4281504991

 4281504991

4294967295

 4278221507

 4286171903

 4278215335

 4288210687

 4278209165

 4290183167

 4278203507

 4292214783

 4278198362

 4294180863

 4278191938

 4278190891

 4278190357

 4278190080

■ 4281504991

■ 4281504991

■ 4280060639

■ 4282949343

■ 4278551007

■ 4284458975

■ 4278222559

■ 4285903327

■ 4287347679

■ 4288857311

■ 4290301663

■ 4291746015

■ 4293190111

■ 4294699999

# Harmonies

## Analogous

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



4278230737



4281504991



4287268311

# Triad

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



4281504991



4292439916



4283408224

# Complementary

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



4281504991



4292836658

# 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.



4286748483



4281504991



4291329099

# Square

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



4281504991



4292242580



4289366843



4278231688

# Rectangle

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



4281504991



4289625030



4289366843



4284652885

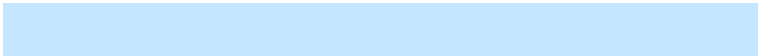


# Sweetspot

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



4281504991



4291094271



4281524093



4284248192



4278190080



4286611584



# Same Dimension

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



4281504991



4279408895



4281482975



4284836720



4278215856



4278197040



# Inverse Universe

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



4292817556



4294906520



4292858674



4285556075



4289724516

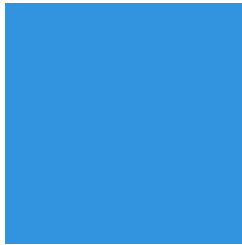


4281335835



# Previews

## White Background



This preview shows how the Android color 4281504991 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 4281504991 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 4281504991 Background



This preview shows how black text looks on a background with the Android color 4281504991.



This preview shows how white text looks on a background with the Android color 4281504991.

# 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





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281504991 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(50, 148, 223)` looks like.

```
.text, #text, p{  
    color:rgb(50, 148, 223)  
}
```

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(50, 148, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 148, 223) }
```

## Border

The CSS property to change the border of an element to Android 4281504991 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(50, 148, 223) }
```

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

```
.border{ border-color:rgb(50, 148, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 148, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 148, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 148, 223);  
box-shadow:4px 4px 4px 4px rgb(50, 148,  
223) }
```

# Background

The CSS property to change the background color of an element to Android 4281504991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 148, 223) }
```

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

```
.background{ background-color: rgb(50, 148,  
223) }
```

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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