

# Converting Colors

Android(4280184217)

Have a look what the booklet for  
Android(4280184217) contains.

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# Color

**Android(4280184217)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1E6D99
RGB	30, 109, 153
RGB Percent	12%, 43%, 60%
CMY	0.8824, 0.5725, 0.4000
CMYK	0.80, 0.29, 0.00, 0.40
HSL	201°, 67%, 36%
HSV	201°, 80%, 60%
XYZ	11.7538, 13.5132, 32.1258
YIQ	90.3950, -61.2080, -3.0640

# Conversions

## Conversions Part 2

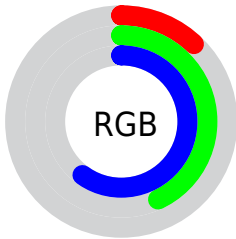
<b>Format</b>	<b>Color</b>
<b>RYB</b>	30, 78, 153
Decimal	1994137
CIELab	43.53, -7.47, -30.51
CIElCh	44, 31.416, 256.237
Yxy	13.5132, 0.2048, 0.2355
Android (android.graphics.Color)	4280184217 (0xFF1E6D99)
YUV	90.3950, 30.8643, -52.9664
Hunter-Lab	36.7603, -7.2565, -26.0829

# Details

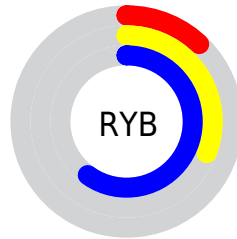
The Android color `4280184217` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4288236062`, and the grayscale version is `4284111450`.

A 20% lighter version of the original color is `4284457168`, and `4278206054` is the 20% darker color. If you saturate the color by 10%, you get `4279199897`, and if you desaturate by 10%, it is `4281168537`.

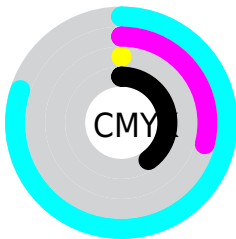
# Distribution



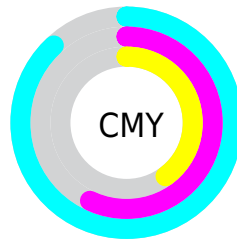
- Red (12%)
- Green (43%)
- Blue (60%)



- Red (12%)
- Yellow (31%)
- Blue (60%)



- Cyan (80%)
- Magenta (29%)
- Yellow (0%)
- Black (40%)



- Cyan (88%)
- Magenta (57%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280184217 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 4280184217 by changing the saturation by 10% instead.





4280184217



4280184217

4294967295



4278211967



4284457168



4278206054



4286364652



4278200397



4288206847



4278195254



4290114559



4278190625



4292018175



4278190085



4293984255



4278190080



4280184217



4280184217



4279199897



4281168537

■ 4278215321

■ 4282218649

■ 4283202969

■ 4284187545

■ 4285171865

■ 4286221977

■ 4287206297

■ 4288190873

■ 4289240729

# Harmonies

## Analogous

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



4278219404



4280184217



4283852185

# Triad

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



4280184217



4288238170



4283199554

# Complementary

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



4280184217



4288236062

# 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.



4285098547



4280184217



4287780930

# Square

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



4280184217



4287714164



4286669108



4280644698

# Rectangle

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



4280184217



4285554321



4286669108



4283854396



# Sweetspot

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



4280184217



4288132807



4280195401



4282866019



4293125091



4284703587



# Same Dimension

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



4280184217



4278748103



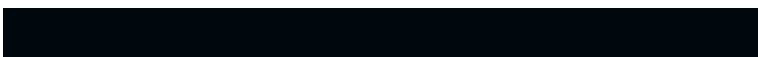
4280168601



4282731085



4278213260



4278192141



# Inverse Universe

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



4288224877



4291233923



4288251678



4283254090



4287365210



4279042056



# Previews

## White Background



This preview shows how the Android color 4280184217 looks on a white background.

## Color Contrast Check

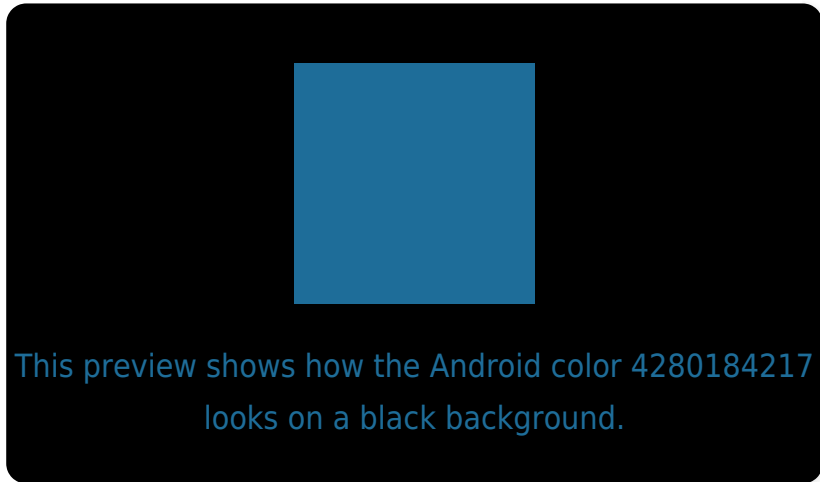
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280184217 Background



This preview shows how black text looks on a background with the Android color 4280184217.



This preview shows how white text looks on a background with the Android color 4280184217.

# 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



**Original Color**  
4280184217

**Protanomaly**  
4282607765

**Deuteranomaly**  
4282214810

**Tritanomaly**  
4278939782

# Monochromacy



**Original Color**  
4280184217

**Achromatopsia**  
4284111450

**Achromatomaly**  
4282671473

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280184217 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(30, 109, 153)` looks like.

```
.text, #text, p{  
    color:rgb(30, 109, 153)  
}
```

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(30, 109, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 109, 153) }
```

## Border

The CSS property to change the border of an element to Android 4280184217 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(30, 109, 153) }
```

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

```
.border{ border-color:rgb(30, 109, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 109, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 109, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 109, 153);  
box-shadow:4px 4px 4px 4px rgb(30, 109,  
153) }
```

# Background

The CSS property to change the background color of an element to Android 4280184217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 109, 153) }
```

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

```
.background{ background-color: rgb(30, 109,  
153) }
```

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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