

# Converting Colors

Android(4280185254)

Have a look what the booklet for  
Android(4280185254) contains.

<b>Android(4280185254)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4280185254)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1E71A6
RGB	30, 113, 166
RGB Percent	12%, 44%, 65%
CMY	0.8824, 0.5569, 0.3490
CMYK	0.82, 0.32, 0.00, 0.35
HSL	203°, 69%, 38%
HSV	203°, 82%, 65%
XYZ	13.3235, 14.8394, 38.2385
YIQ	94.2250, -66.4810, -1.1130

# Conversions

## Conversions Part 2

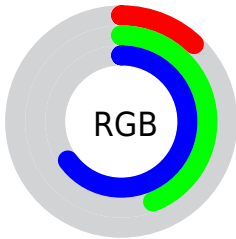
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	30, 82, 166
Decimal	1995174
CIE <sub>Lab</sub>	45.41, -4.98, -35.22
CIE <sub>LCh</sub>	45, 35.570, 261.954
Yxy	14.8394, 0.2007, 0.2235
Android (android.graphics.Color)	4280185254 (0xFF1E71A6)
YUV	94.2250, 35.3851, -56.3253
Hunter-Lab	38.5220, -5.6763, -31.8882




# Details

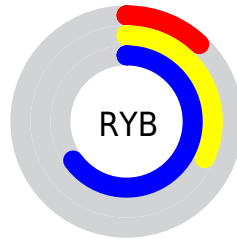
The Android color `4280185254` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4289090334`, and the grayscale version is `4284374622`.




A 20% lighter version of the original color is `4284655069`, and `4278207090` is the 20% darker color. If you saturate the color by 10%, you get `4279069606`, and if you desaturate by 10%, it is `4281300902`.

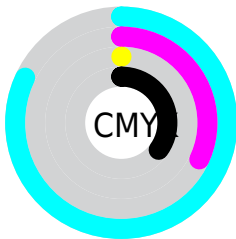
# Distribution







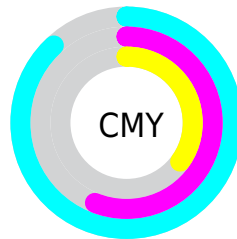
-  Red (12%)
-  Green (44%)
-  Blue (65%)






-  Red (12%)
-  Yellow (32%)
-  Blue (65%)



-  Cyan (82%)
-  Magenta (32%)
-  Yellow (0%)
-  Black (35%)



-  Cyan (88%)
-  Magenta (56%)
-  Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280185254 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 4280185254 by changing the saturation by 10% instead.



 4280185254

 4280185254

4294967295

 4278213003

 4284655069

 4278207090

 4286562554

 4278201433

 4288470015

 4278196289

 4290377983

 4278190891

 4292345855

 4278190357

 4294246399

 4278190080

 4280185254

 4280185254

 4279069606

 4281300902

■ 4278216102

■ 4282351270

■ 4283466918

■ 4284517286

■ 4285632934

■ 4286748838

■ 4287798950

■ 4288914854

■ 4289964966

# Harmonies

## Analogous

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



4278220954



4280185254



4284573603

# Triad

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



4280185254



4288894039



4282677062

# Complementary

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



4280185254



4289090334

# 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.



4285034546



4280185254



4288240702

# Square

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



4280185254



4288566133



4286867247



4278221410

# Rectangle

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



4280185254



4286406552



4286867247



4283528510



# Sweetspot

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



4280185254



4288922841



4280198738



4283261294



4293783021



4285427310



# Same Dimension

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



4280185254



4278486745



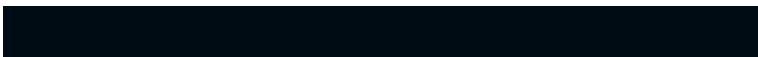
4280168102



4283191636



4278213268



4278193172



# Inverse Universe

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



4289076849



4292412550



4289107486



4283714641



4287889498



4279500812



# Previews

## White Background



This preview shows how the Android color 4280185254 looks on a white background.

## Color Contrast Check

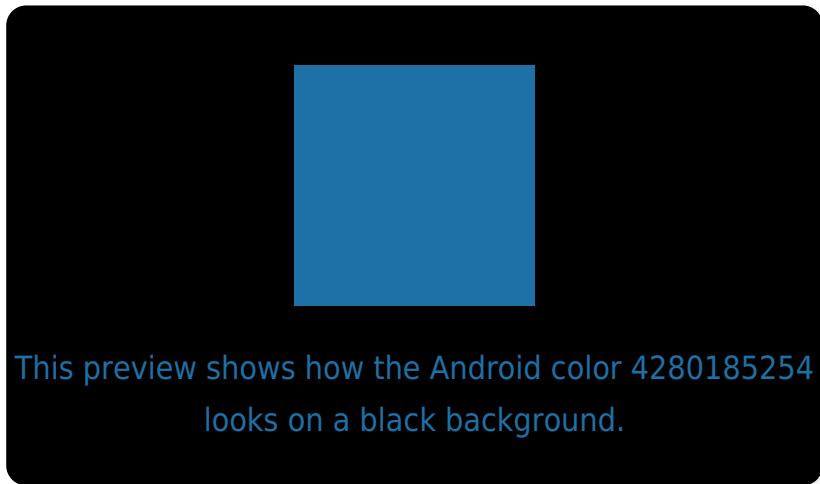
Large Text (above 18pt) WCAG AA ✓ Pass

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

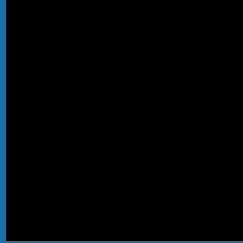
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4280185254 Background



This preview shows how black text looks on a background with the Android color 4280185254.



This preview shows how white text looks on a background with the Android color 4280185254.

# 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**  
4280185254

**Protanomaly**  
4282674338

**Deuteranomaly**  
4282084775

**Tritanomaly**  
4278941070

# Monochromacy



**Original Color**  
4280185254

**Achromatopsia**  
4284374622

**Achromatomaly**  
4282869112

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280185254 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, 113, 166)` looks like.

```
.text, #text, p{  
    color:rgb(30, 113, 166)  
}
```

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, 113, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 113, 166) }
```

## Border

The CSS property to change the border of an element to Android 4280185254 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, 113, 166) }
```

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

```
.border{ border-color:rgb(30, 113, 166) }
```

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

Here you see how a box with a 4 pixel rgb(30, 113, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 113, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 113, 166);  
box-shadow:4px 4px 4px 4px rgb(30, 113,  
166) }
```

# Background

The CSS property to change the background color of an element to Android 4280185254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 113, 166) }
```

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

```
.background{ background-color: rgb(30, 113,  
166) }
```

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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