

# Converting Colors

Android(4280251024)

Have a look what the booklet for  
Android(4280251024) contains.

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# Color

**Android(4280251024)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1F7290
RGB	31, 114, 144
RGB Percent	12%, 45%, 56%
CMY	0.8784, 0.5529, 0.4353
CMYK	0.78, 0.21, 0.00, 0.44
HSL	196°, 65%, 34%
HSV	196°, 78%, 56%
XYZ	11.6164, 14.3396, 28.5411
YIQ	92.6030, -59.0980, -8.2660

# Conversions

## Conversions Part 2

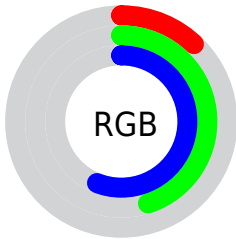
<b>Format</b>	<b>Color</b>
<b>RYB</b>	31, 79, 144
Decimal	2060944
CIELab	44.72, -13.58, -23.31
CIELCh	45, 26.979, 239.788
Yxy	14.3396, 0.2132, 0.2631
Android (android.graphics.Color)	4280251024 (0xFF1F7290)
YUV	92.6030, 25.3387, -54.0258
Hunter-Lab	37.8676, -11.5109, -18.1800

# Details

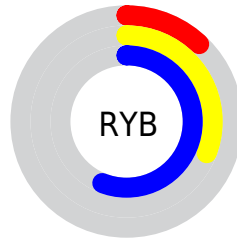
The Android color `4280251024` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4287642911`, and the grayscale version is `4284243036`.

A 20% lighter version of the original color is `4284393158`, and `4278207069` is the 20% darker color. If you saturate the color by 10%, you get `4279332496`, and if you desaturate by 10%, it is `4281169552`.

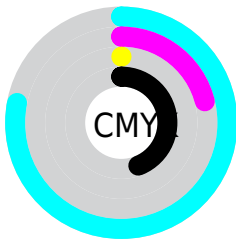
# Distribution



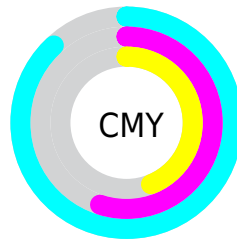
- Red (12%)
- Green (45%)
- Blue (56%)



- Red (12%)
- Yellow (31%)
- Blue (56%)



- Cyan (78%)
- Magenta (21%)
- Yellow (0%)
- Black (44%)



- Cyan (88%)
- Magenta (55%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280251024 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 4280251024 by changing the saturation by 10% instead.



 4280251024

 4280251024

4294967295

 4278212982

 4284393158

 4278207069

 4286235106

 4278201414

 4288142847

 4278196271

 4289985279

 4278190362

 4291887103


 4278190080

 4293853183

 4280251024

 4280251024

 4279332496

 4281169552

■ 4278348432

■ 4282153616

■ 4278217360

■ 4283071888

■ 4284055952

■ 4284974480

■ 4285893008

■ 4286877072

■ 4287795600

■ 4288779408

# Harmonies

## Analogous

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



4278482303



4280251024



4283002006

# Triad

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



4280251024



4287912043



4284575554

# Complementary

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



4280251024



4287642911

# 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.



4286146620



4280251024



4287978069

# Square

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



4280251024



4286995585



4287324484



4282807378

# Rectangle

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



4280251024



4284573588



4287324484



4285164863



# Sweetspot

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



4280251024



4287475386



4280258619



4282603358



4292796126



4284374622



# Same Dimension

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



4280251024



4278947002



4280236944



4282402375



4278215559



4278191624



# Inverse Universe

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



4287635314



4290382732



4287656991



4282859590



4287037539



4278714374



# Previews

## White Background



This preview shows how the Android color 4280251024 looks on a white background.

## Color Contrast Check

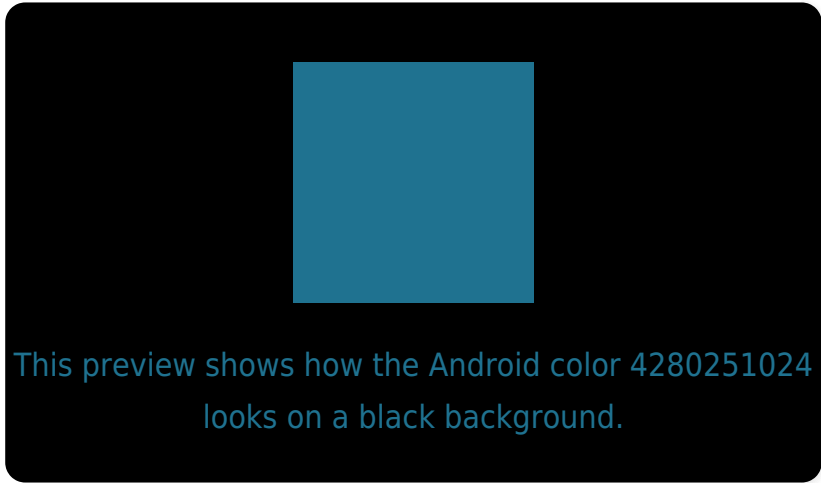
Large Text (above 18pt) WCAG AA ✓ Pass

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

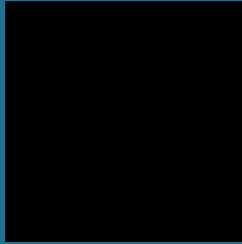
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4280251024 Background



This preview shows how black text looks on a background with the Android color 4280251024.

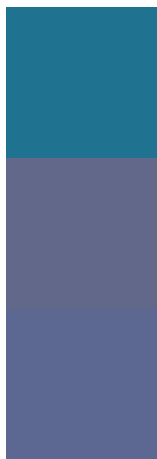


This preview shows how white text looks on a background with the Android color 4280251024.

# 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**  
4280251024

**Protanopia**  
4284573833

**Deuteranopia**  
4284246162



# Trichromacy



**Original Color**  
4280251024

**Protanomaly**  
4283001996

**Deuteranomaly**  
4282805393

**Tritanomaly**  
4278940805

# Monochromacy



**Original Color**  
4280251024

**Achromatopsia**  
4284308829

**Achromatomaly**  
4282803568

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280251024 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(31, 114, 144)` looks like.

```
.text, #text, p{  
    color:rgb(31, 114, 144)  
}
```

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(31, 114, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 114, 144) }
```

## Border

The CSS property to change the border of an element to Android 4280251024 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(31, 114, 144) }
```

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

```
.border{ border-color:rgb(31, 114, 144) }
```

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

Here you see how a box with a 4 pixel rgb(31, 114, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 114, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 114, 144);  
box-shadow:4px 4px 4px 4px rgb(31, 114,  
144) }
```

# Background

The CSS property to change the background color of an element to Android 4280251024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 114, 144) }
```

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

```
.background{ background-color: rgb(31, 114,  
144) }
```

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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