

# Converting Colors

Android(4280520612)

Have a look what the booklet for  
Android(4280520612) contains.

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# Color

**Android(4280520612)**

# Conversions

## Conversions Part 1

Format	Color
Hex	238FA4
RGB	35, 143, 164
RGB Percent	14%, 56%, 64%
CMY	0.8627, 0.4392, 0.3569
CMYK	0.79, 0.13, 0.00, 0.36
HSL	190°, 65%, 39%
HSV	190°, 79%, 64%
XYZ	17.2164, 22.6826, 38.5927
YIQ	113.1020, -71.1090, -16.3650

# Conversions

## Conversions Part 2

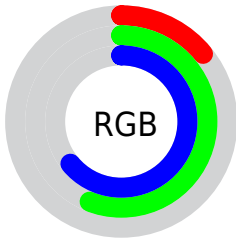
<b>Format</b>	<b>Color</b>
<b>RYB</b>	35, 94, 164
Decimal	2330532
CIELab	54.74, -22.03, -19.57
CIElCh	55, 29.463, 221.616
Yxy	22.6826, 0.2193, 0.2890
Android (android.graphics.Color)	4280520612 (0xFF238FA4)
YUV	113.1020, 25.0927, -68.4955
Hunter-Lab	47.6262, -18.8198, -14.7058

# Details

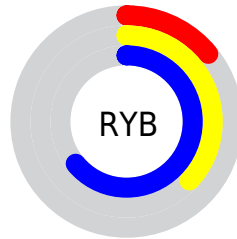
The Android color `4280520612` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4288952355`, and the grayscale version is `4285624689`.

A 20% lighter version of the original color is `4284925403`, and `4278213744` is the 20% darker color. If you saturate the color by 10%, you get `4279471268`, and if you desaturate by 10%, it is `4281569956`.

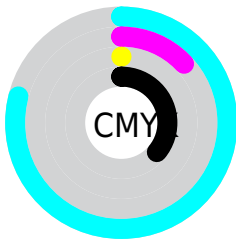
# Distribution



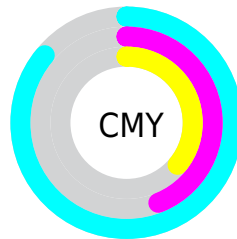
- Red (14%)
- Green (56%)
- Blue (64%)



- Red (14%)
- Yellow (37%)
- Blue (64%)



- Cyan (79%)
- Magenta (13%)
- Yellow (0%)
- Black (36%)



- Cyan (86%)
- Magenta (44%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280520612 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 4280520612 by changing the saturation by 10% instead.





4280520612



4280520612

4294967295



4278220170



4284925403



4278213744



4286898680



4278207832



4288806655



4278201920



4290707455



4278197034



4292673535



4278190358



4294639615



4278190080



4280520612



4280520612



4279471268



4281569956

■ 4278356644

■ 4282684580

■ 4278225316

■ 4283733924

■ 4284848804

■ 4285897892

■ 4286947236

■ 4288062116

■ 4289111204

■ 4290226084

# Harmonies

## Analogous

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



4281241996



4280520612



4282747571

# Triad

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



4280520612



4289425812



4287268176

# Complementary

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



4280520612



4288952355

# 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.



4288838739



4280520612



4290080634

# Square

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



4280520612



4287855017



4289819746



4285434716

# Rectangle

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



4280520612



4284581302



4289819746



4287857232



# Sweetspot

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



4280520612



4288925398



4280525878



4283197035



4293651435



4285229931



# Same Dimension

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



4280520612



4279088598



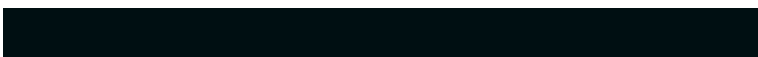
4280504484



4282994770



4278221457



4278193938



# Inverse Universe

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



4288947087



4292218293



4288968483



4283582800



4287692922



4279369743



# Previews

## White Background



This preview shows how the Android color 4280520612 looks on a white background.

## Color Contrast Check

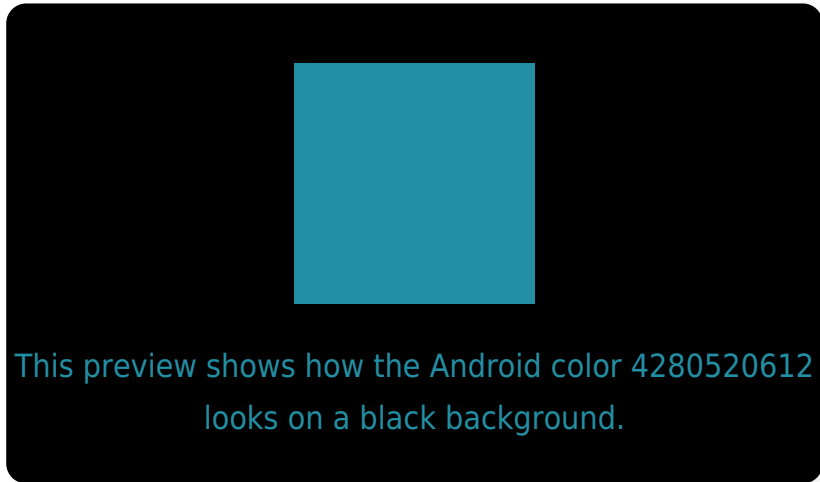
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

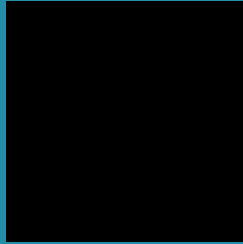
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4280520612 Background



This preview shows how black text looks on a background with the Android color 4280520612.



This preview shows how white text looks on a background with the Android color 4280520612.

# 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**  
4280520612



**Protanomaly**  
4284253854



**Deuteranomaly**  
4284188070



**Tritanomaly**  
4280193183

# Monochromacy



**Original Color**  
4280520612



**Achromatopsia**  
4285624689



**Achromatomaly**  
4283792516

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280520612 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(35, 143, 164)` looks like.

```
.text, #text, p{  
    color:rgb(35, 143, 164)  
}
```

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(35, 143, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 143, 164) }
```

## Border

The CSS property to change the border of an element to Android 4280520612 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(35, 143, 164) }
```

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

```
.border{ border-color:rgb(35, 143, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 143, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 143, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 143, 164);  
box-shadow:4px 4px 4px 4px rgb(35, 143,  
164) }
```

# Background

The CSS property to change the background color of an element to Android 4280520612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 143, 164) }
```

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

```
.background{ background-color: rgb(35, 143,  
164) }
```

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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