

# Converting Colors

Android(4280246682)

Have a look what the booklet for  
Android(4280246682) contains.

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# Color

**Android(4280246682)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1F619A
RGB	31, 97, 154
RGB Percent	12%, 38%, 60%
CMY	0.8784, 0.6196, 0.3961
CMYK	0.80, 0.37, 0.00, 0.40
HSL	208°, 66%, 36%
HSV	208°, 80%, 60%
XYZ	10.6725, 11.1738, 32.1661
YIQ	83.7640, -57.6330, 3.7350

# Conversions

## Conversions Part 2

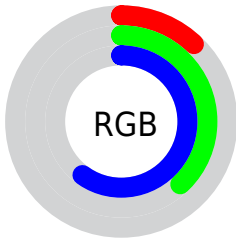
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	31, 74, 154
Decimal	2056602
CIE <sub>Lab</sub>	39.87, 0.39, -36.87
CIE <sub>LCh</sub>	40, 36.873, 270.612
Yxy	11.1738, 0.1976, 0.2069
Android (android.graphics.Color)	4280246682 (0xFF1F619A)
YUV	83.7640, 34.6263, -46.2740
Hunter-Lab	33.4272, -1.5069, -33.6541

# Details

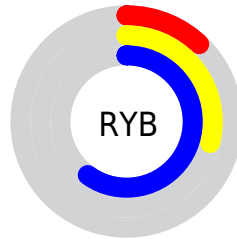
The Android color `4280246682` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4288305183`, and the grayscale version is `4283650899`.

A 20% lighter version of the original color is `4284453841`, and `4278203238` is the 20% darker color. If you saturate the color by 10%, you get `4279261850`, and if you desaturate by 10%, it is `4281231514`.

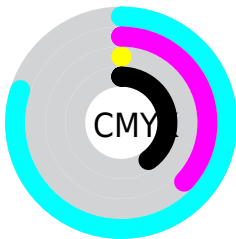
# Distribution



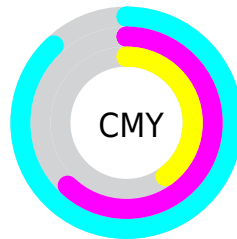
- Red (12%)
- Green (38%)
- Blue (60%)



- Red (12%)
- Yellow (29%)
- Blue (60%)



- Cyan (80%)
- Magenta (37%)
- Yellow (0%)
- Black (40%)



- Cyan (88%)
- Magenta (62%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280246682 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 4280246682 by changing the saturation by 10% instead.





4280246682



4280246682

4294967295



4278208896



4284453841



4278203238



4286361325



4278198094



4288203263



4278191415



4290110975



4278190625



4292018175



4278190085



4293984255



4278190080



4280246682



4280246682



4279261850



4281231514

■ 4278211482

■ 4282281882

■ 4283266714

■ 4284317338

■ 4285302170

■ 4286287002

■ 4287337370

■ 4288322202

■ 4289372570

# Harmonies

## Analogous

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



4278217106



4280246682



4284503698

# Triad

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



4280246682



4287907649



4280707647

# Complementary

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



4280246682



4288305183

# 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.



4283458855



4280246682



4286992681

# Square

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



4280246682



4287906655



4285422878



4278218078

# Rectangle

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



4280246682



4286205572



4285422878



4281821494



# Sweetspot

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



4280246682



4288263113



4280261206



4282931302



4293322470



4284900966



# Same Dimension

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



4280246682



4278743241



4280231322



4282730829



4278209420



4278191885



# Inverse Universe

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



4288290657



4291364976



4288320543



4283254089



4287365195



4279042055



# Previews

## White Background



This preview shows how the Android color 4280246682 looks on a white background.

## Color Contrast Check

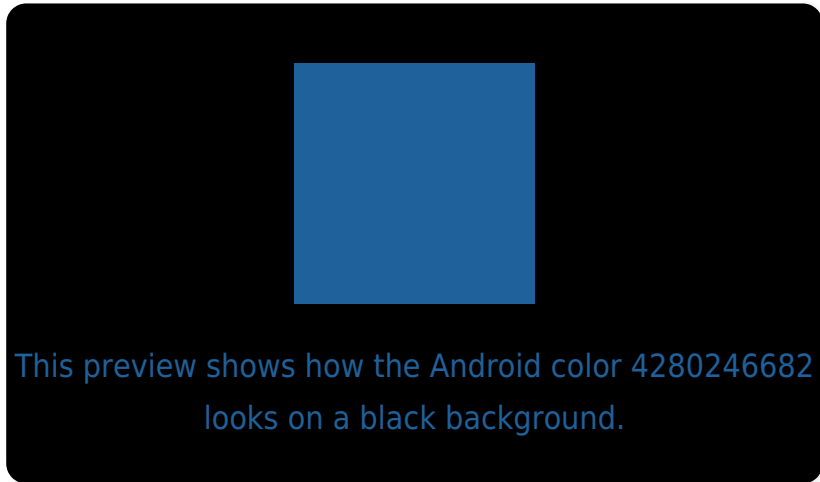
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280246682 Background



This preview shows how black text looks on a background with the Android color 4280246682.



This preview shows how white text looks on a background with the Android color 4280246682.

# 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**

4280246682

**Protanopia**

4282932373

**Deuteranopia**

4281753243



# Trichromacy



**Original Color**  
4280246682

**Protanomaly**  
4281949847

**Deuteranomaly**  
4281229211

**Tritanomaly**  
4278936959

# Monochromacy



**Original Color**  
4280246682

**Achromatopsia**  
4283716692

**Achromatomaly**  
4282472813

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280246682 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, 97, 154)` looks like.

```
.text, #text, p{  
    color:rgb(31, 97, 154)  
}
```

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, 97, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 97, 154) }
```

## Border

The CSS property to change the border of an element to Android 4280246682 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, 97, 154) }
```

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

```
.border{ border-color:rgb(31, 97, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 97, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 97, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 97, 154);  
box-shadow:4px 4px 4px 4px rgb(31, 97,  
154) }
```

# Background

The CSS property to change the background color of an element to Android 4280246682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 97, 154) }
```

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

```
.background{ background-color: rgb(31, 97,  
154) }
```

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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