

# Converting Colors

Android(4281296772)

Have a look what the booklet for  
Android(4281296772) contains.

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# Color

**Android(4281296772)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2F6784
RGB	47, 103, 132
RGB Percent	18%, 40%, 52%
CMY	0.8157, 0.5961, 0.4824
CMYK	0.64, 0.22, 0.00, 0.48
HSL	200°, 47%, 35%
HSV	200°, 64%, 52%
XYZ	10.1874, 11.9708, 23.6035
YIQ	89.5620, -42.6850, -2.8530

# Conversions

## Conversions Part 2

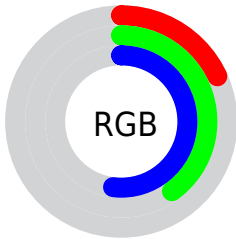
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	47, 81, 132
Decimal	3106692
CIE <sub>Lab</sub>	41.17, -8.91, -21.58
CIE <sub>LCh</sub>	41, 23.344, 247.555
Yxy	11.9708, 0.2226, 0.2616
Android (android.graphics.Color)	4281296772 (0xFF2F6784)
YUV	89.5620, 20.9219, -37.3269
Hunter-Lab	34.5988, -7.9897, -16.2287

# Details

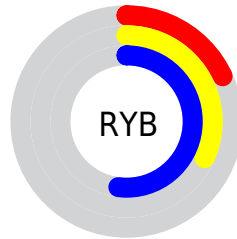
The Android color `4281296772` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4286860335`, and the grayscale version is `4284045657`.

A 20% lighter version of the original color is `4284914361`, and `4278204498` is the 20% darker color. If you saturate the color by 10%, you get `4280443524`, and if you desaturate by 10%, it is `4282150020`.

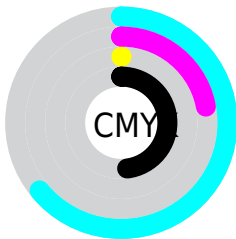
# Distribution



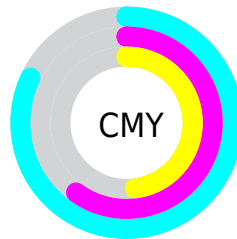
- Red (18%)
- Green (40%)
- Blue (52%)



- Red (18%)
- Yellow (32%)
- Blue (52%)



- Cyan (64%)
- Magenta (22%)
- Yellow (0%)
- Black (48%)



- Cyan (82%)
- Magenta (60%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281296772 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 4281296772 by changing the saturation by 10% instead.





4281296772



4281296772

4294967295



4278996843



4284914361



4278204498



4286690773



4278199099



4288532721



4278192678



4290375167



4278190351



4292214783



4278190080



4294115327



4281296772



4281296772



4280443524



4282150020

■ 4279590532

■ 4283003012

■ 4278671748

■ 4283921796

■ 4278212484

■ 4284774788

■ 4285628036

■ 4286481028

■ 4287334276

■ 4288252804

■ 4289106052

# Harmonies

## Analogous

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



4279921272



4281296772



4283326855

# Triad

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



4281296772



4286992989



4283721538

# Complementary

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



4281296772



4286860335

# 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.



4285096251



4281296772



4286928203

# Square

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



4281296772



4286403952



4286208830



4282214994

# Rectangle

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



4281296772



4284571011



4286208830



4284245311



# Sweetspot

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



4281296772



4287275179



4281304139



4282601559



4292269782



4283914071



# Same Dimension

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



4281296772



4280778411



4281286020



4282138690



4278212226



4278190595



# Inverse Universe

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



4286852967



4289406846



4286871087



4282530880



4286709846



4278386690



# Previews

## White Background



This preview shows how the Android color 4281296772 looks on a white background.

## Color Contrast Check

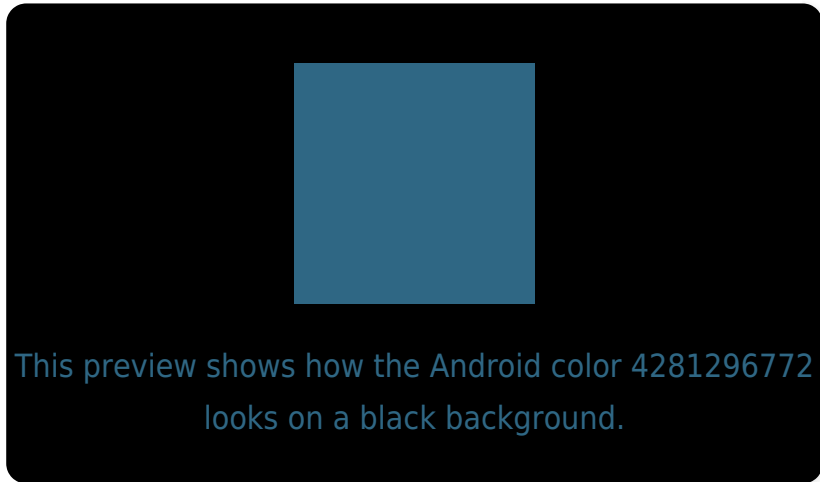
Large Text (above 18pt) WCAG AA ✓ Pass

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

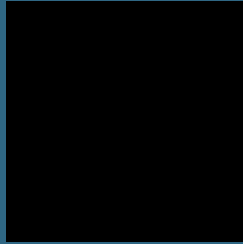
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4281296772 Background



This preview shows how black text looks on a background with the Android color 4281296772.

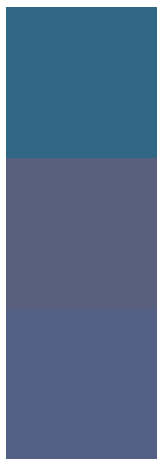


This preview shows how white text looks on a background with the Android color 4281296772.

# 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**

4281296772

**Protanopia**

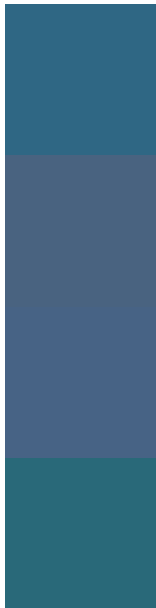
4283981950

**Deuteranopia**

4283785350



# Trichromacy



**Original Color**

4281296772

**Protanomaly**

4282999680

**Deuteranomaly**

4282868613

**Tritanomaly**

4280904057

# Monochromacy



**Original Color**

4281296772

**Achromatopsia**

4284111450

**Achromatomaly**

4283064169

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281296772 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(47, 103, 132)` looks like.

```
.text, #text, p{  
    color:rgb(47, 103, 132)  
}
```

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(47, 103, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 103, 132) }
```

## Border

The CSS property to change the border of an element to Android 4281296772 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(47, 103, 132) }
```

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

```
.border{ border-color:rgb(47, 103, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 103, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 103, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 103, 132);  
box-shadow:4px 4px 4px 4px rgb(47, 103,  
132) }
```

# Background

The CSS property to change the background color of an element to Android 4281296772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 103, 132) }
```

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

```
.background{ background-color: rgb(47, 103,  
132) }
```

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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