

# Converting Colors

Android(4281302392)

Have a look what the booklet for  
Android(4281302392) contains.

<b>Android(4281302392)</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(4281302392)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2F7D78
RGB	47, 125, 120
RGB Percent	18%, 49%, 47%
CMY	0.8157, 0.5098, 0.5294
CMYK	0.62, 0.00, 0.04, 0.51
HSL	176°, 45%, 34%
HSV	176°, 62%, 49%
XYZ	11.8961, 16.6276, 20.3518
YIQ	101.1080, -44.8830, -18.0910

# Conversions

## Conversions Part 2

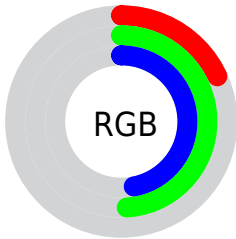
<b>Format</b>	<b>Color</b>
<b>RYB</b>	47, 87, 125
Decimal	3112312
CIELab	47.79, -24.84, -4.37
CIElCh	48, 25.221, 189.987
Yxy	16.6276, 0.2434, 0.3402
Android (android.graphics.Color)	4281302392 (0xFF2F7D78)
YUV	101.1080, 9.3138, -47.4527
Hunter-Lab	40.7770, -19.2851, -1.0477

# Details

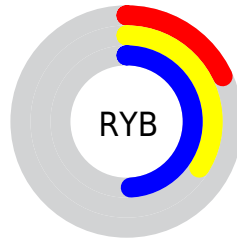
The Android color `4281302392` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4286394164`, and the grayscale version is `4284835173`.

A 20% lighter version of the original color is `4284986028`, and `4278209608` is the 20% darker color. If you saturate the color by 10%, you get `4280450423`, and if you desaturate by 10%, it is `4282088825`.

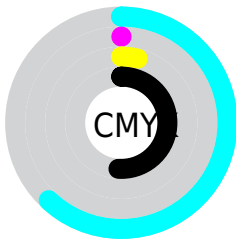
# Distribution



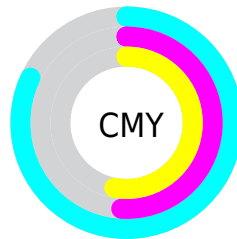
- Red (18%)
- Green (49%)
- Blue (47%)



- Red (18%)
- Yellow (34%)
- Blue (49%)



- Cyan (62%)
- Magenta (0%)
- Yellow (4%)
- Black (51%)



- Cyan (82%)
- Magenta (51%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281302392 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 4281302392 by changing the saturation by 10% instead.





4281302392



4281302392

4294967295



4278871135



4284986028



4278209608



4286762695



4278203441



4288604900



4278198300



4290445311



4278190081



4292280319



4278190080



4294246399



4281302392



4281302392



4280450423



4282088825

■ 4279663990

■ 4282940794

■ 4278812022

■ 4283727226

■ 4278222197

■ 4284579195

■ 4285431164

■ 4286217597

■ 4287069566

■ 4287855998

■ 4288707967

# Harmonies

## Analogous

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



4282940514



4281302392



4280712332

# Triad

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



4281302392



4286409106



4287392586

# Complementary

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



4281302392



4286394164

# 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.



4288243031



4281302392



4287783808

# Square

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



4281302392



4284445083



4288373099



4286149191

# Rectangle

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



4281302392



4281629078



4288373099



4287719757



# Sweetspot

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



4281302392



4286882721



4281629999



4282339920



4291940817



4283585106



# Same Dimension

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



4281302392



4280918939



4281293693



4281942079



4278222967



4278190080



# Inverse Universe

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



4286394164



4288882993



4286402863



4282399034



4286578696

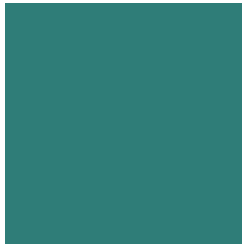


4278190080



# Previews

## White Background



This preview shows how the Android color 4281302392 looks on a white background.

## Color Contrast Check

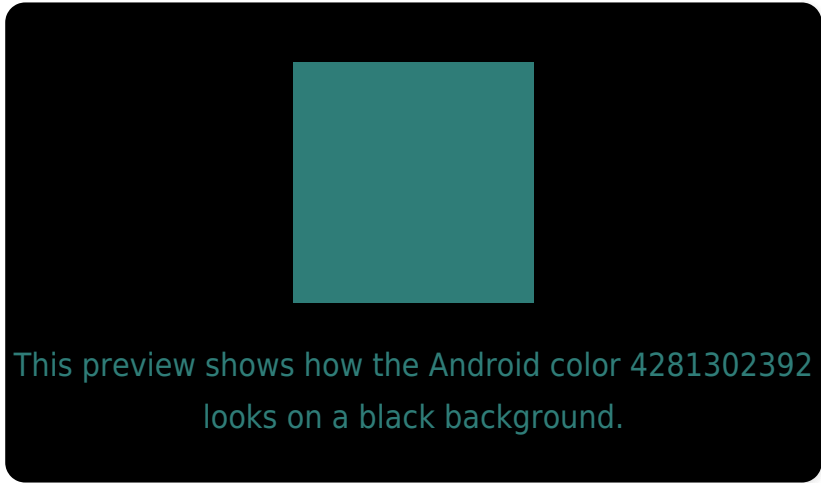
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281302392 Background



This preview shows how black text looks on a background with the Android color 4281302392.



This preview shows how white text looks on a background with the Android color 4281302392.

# 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**  
4281302392

**Protanopia**  
4285755504

**Deuteranopia**  
4286017147



# Trichromacy



**Original Color**  
4281302392

**Protanomaly**  
4284118387

**Deuteranomaly**  
4284314490

**Tritanomaly**  
4281564288

# Monochromacy



**Original Color**  
4281302392

**Achromatopsia**  
4284835173

**Achromatomaly**  
4283526764

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281302392 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, 125, 120)` looks like.

```
.text, #text, p{  
    color:rgb(47, 125, 120)  
}
```

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, 125, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 125, 120) }
```

## Border

The CSS property to change the border of an element to Android 4281302392 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, 125, 120) }
```

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

```
.border{ border-color:rgb(47, 125, 120) }
```

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

Here you see how a box with a 4 pixel rgb(47, 125, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 125, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 125, 120);  
box-shadow:4px 4px 4px 4px rgb(47, 125,  
120) }
```

# Background

The CSS property to change the background color of an element to Android 4281302392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 125, 120) }
```

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

```
.background{ background-color: rgb(47, 125,  
120) }
```

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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