

# Converting Colors

Android(4281176722)

Have a look what the booklet for  
Android(4281176722) contains.

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# Color

**Android(4281176722)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2D9292
RGB	45, 146, 146
RGB Percent	18%, 57%, 57%
CMY	0.8235, 0.4275, 0.4275
CMYK	0.69, 0.00, 0.00, 0.43
HSL	180°, 53%, 37%
HSV	180°, 69%, 57%
XYZ	16.5494, 23.1910, 30.7982
YIQ	115.8010, -60.1960, -21.4120

# Conversions

## Conversions Part 2

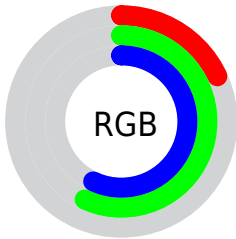
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	45, 96, 146
Decimal	2986642
CIE <sub>Lab</sub>	55.27, -27.99, -8.41
CIE <sub>LCh</sub>	55, 29.226, 196.722
Yxy	23.1910, 0.2346, 0.3288
Android (android.graphics.Color)	4281176722 (0xFF2D9292)
YUV	115.8010, 14.8881, -62.0925
Hunter-Lab	48.1570, -22.9324, -4.2082

# Details

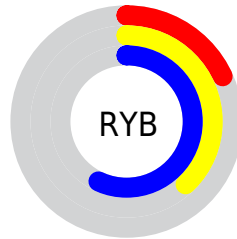
The Android color `4281176722` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4287769901`, and the grayscale version is `4285822068`.

A 20% lighter version of the original color is `4285188296`, and `4278214496` is the 20% darker color. If you saturate the color by 10%, you get `4280193682`, and if you desaturate by 10%, it is `4282159762`.

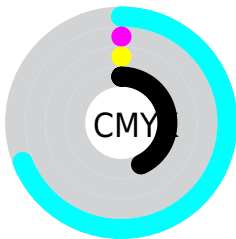
# Distribution



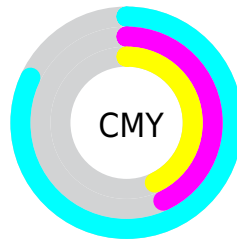
- Red (18%)
- Green (57%)
- Blue (57%)



- Red (18%)
- Yellow (38%)
- Blue (57%)



- Cyan (69%)
- Magenta (0%)
- Yellow (0%)
- Black (43%)



- Cyan (82%)
- Magenta (43%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281176722 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 4281176722 by changing the saturation by 10% instead.





4281176722



4281176722

4294967295



4278220920



4285188296



4278214496



4287096292



4278208328



4288937983



4278202418



4290838527



4278197277



4292804607



4278190081



4294705151



4278190080



4281176722



4281176722



4280193682



4282159762

■ 4279276178

■ 4283077266

■ 4278293138

■ 4284060306

■ 4278227602

■ 4284977810

■ 4285960850

■ 4286943890

■ 4287861394

■ 4288844434

■ 4289761938

# Harmonies

## Analogous

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



4283142520



4281176722



4281045160

# Triad

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



4281176722



4288248231



4288642899

# Complementary

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



4281176722



4287769901

# 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.



4289754721



4281176722



4289688209

# Square

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



4281176722



4286022325



4290146679



4287072083

# Rectangle

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



4281176722



4282485938



4290146679



4289100886



# Sweetspot

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



4281176722



4288003517



4281176621



4282867294



4292796126



4284374622



# Same Dimension

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



4281176722



4280335805



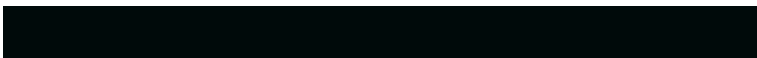
4281163922



4282600010



4278225546



4278192650



# Inverse Universe

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



4287770002



4290584765



4287782957



4283056970



4287234186



4278845450



# Previews

## White Background



This preview shows how the Android color 4281176722 looks on a white background.

## Color Contrast Check

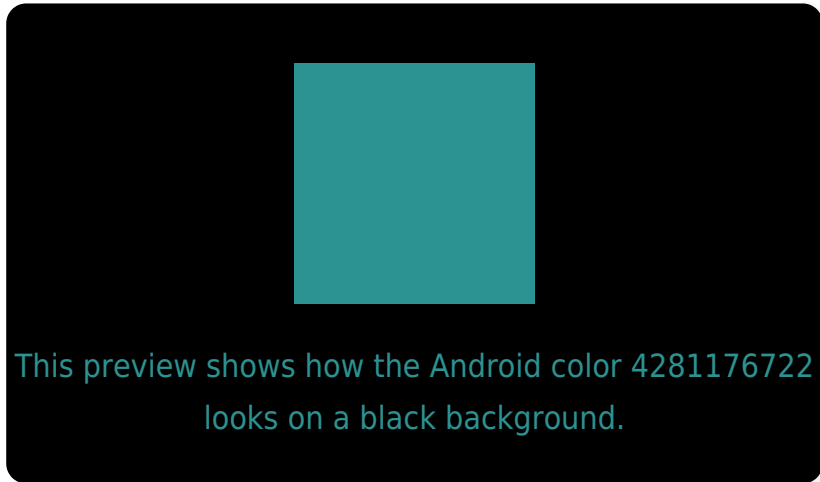
Large Text (above 18pt) WCAG AA ✓ Pass

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

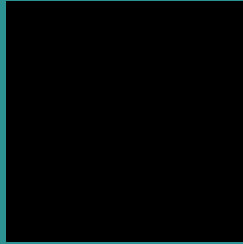
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4281176722 Background



This preview shows how black text looks on a background with the Android color 4281176722.

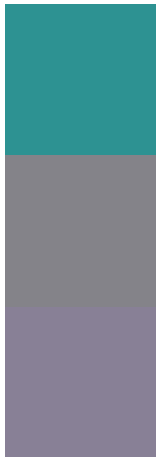


This preview shows how white text looks on a background with the Android color 4281176722.

# 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**  
4281176722

**Protanopia**  
4286874505

**Deuteranopia**  
4287135894



# Trichromacy



**Original Color**

4281176722



**Protanomaly**

4284778636



**Deuteranomaly**

4284974997



**Tritanomaly**

4281438616

# Monochromacy



**Original Color**

4281176722



**Achromatopsia**

4285822068



**Achromatomaly**

4284120959

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281176722 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(45, 146, 146)` looks like.

```
.text, #text, p{  
    color:rgb(45, 146, 146)  
}
```

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(45, 146, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 146, 146) }
```

## Border

The CSS property to change the border of an element to Android 4281176722 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(45, 146, 146) }
```

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

```
.border{ border-color:rgb(45, 146, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 146, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 146, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 146, 146);  
box-shadow:4px 4px 4px 4px rgb(45, 146,  
146) }
```

# Background

The CSS property to change the background color of an element to Android 4281176722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 146, 146) }
```

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

```
.background{ background-color: rgb(45, 146,  
146) }
```

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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