

# Converting Colors

Android(4281176274)

Have a look what the booklet for  
Android(4281176274) contains.

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# Color

**Android(4281176274)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2D90D2
RGB	45, 144, 210
RGB Percent	18%, 56%, 82%
CMY	0.8235, 0.4353, 0.1765
CMYK	0.79, 0.31, 0.00, 0.18
HSL	204°, 65%, 50%
HSV	204°, 79%, 82%
XYZ	22.6883, 25.1575, 64.6329
YIQ	121.9230, -80.1900, -0.4620

# Conversions

## Conversions Part 2

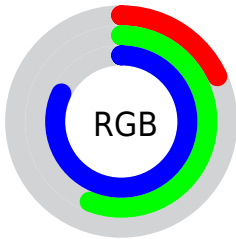
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	45, 107, 210
Decimal	2986194
CIE Lab	57.23, -5.48, -41.83
CIE LCh	57, 42.185, 262.541
Yxy	25.1575, 0.2017, 0.2237
Android (android.graphics.Color)	4281176274 (0xFF2D90D2)
YUV	121.9230, 43.4220, -67.4615
Hunter-Lab	50.1573, -7.0321, -41.2912

# Details

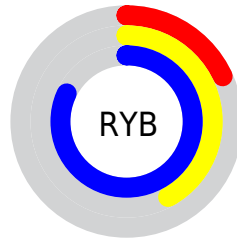
The Android color `4281176274` is a dark color, and the websafe version is hex `3399CC`. The color can be described as middle washed azure. A complement of this color would be `4291981101`, and the grayscale version is `4286216826`.

A 20% lighter version of the original color is `4285777663`, and `4278214299` is the 20% darker color. If you saturate the color by 10%, you get `4279797970`, and if you desaturate by 10%, it is `4282554578`.

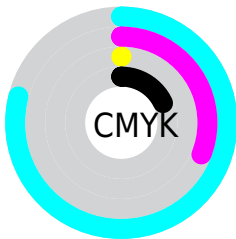
# Distribution



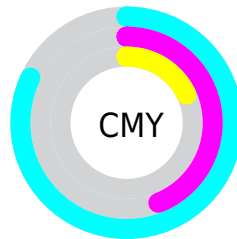
- Red (18%)
- Green (56%)
- Blue (82%)



- Red (18%)
- Yellow (42%)
- Blue (82%)



- Cyan (79%)
- Magenta (31%)
- Yellow (0%)
- Black (18%)



















- Cyan (82%)
- Magenta (44%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281176274 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 4281176274 by changing the saturation by 10% instead.



 4281176274	 4281176274
4294967295	 4278220726
 4285777663	 4278214299
 4287816191	 4278208385
 4289789695	 4278202727
 4291821567	 4278197583
 4293787647	 4278191415
	 4278190625
	 4278190086
	 4278190080

■ 4281176274

■ 4281176274

■ 4279797970

■ 4282554578

■ 4278419410

■ 4283933138

■ 4278222546

■ 4285311442

■ 4286690002

■ 4288068306

■ 4289446610

■ 4290825170

■ 4292203474

■ 4293582034

# Harmonies

## Analogous

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



4278229187



4281176274



4286481357

# Triad

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



4281176274



4291783791



4283996251

# Complementary

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



4281176274



4291981101

# 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.



4286877763



4281176274



4290934608

# Square

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



4281176274



4291390356



4289168447



4278230143

# Rectangle

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



4281176274



4288707264



4289168447



4285044049

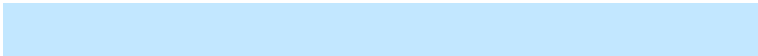


# Sweetspot

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



4281176274



4290963455



4281193071



4284182912



4278190080



4286611584



# Same Dimension

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



4281176274



4279214079



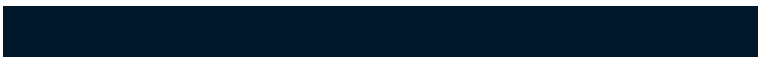
4281155026



4284376169



4278216104



4278196265



# Inverse Universe

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



4291964304



4294905759



4292002349



4285095524



4289200229



4280877080



# Previews

## White Background



This preview shows how the Android color 4281176274 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



This preview shows how the Android color 4281176274 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

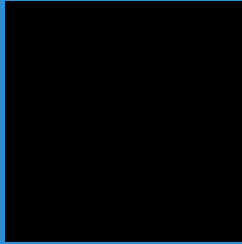
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

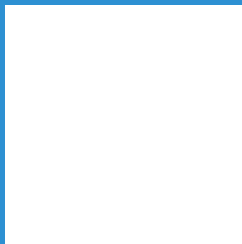
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4281176274 Background



This preview shows how black text looks on a background with the Android color 4281176274.

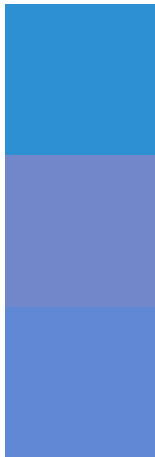


This preview shows how white text looks on a background with the Android color 4281176274.

# 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**  
4281176274

**Protanopia**  
4285695690

**Deuteranopia**  
4284582100



# Trichromacy



**Original Color**  
4281176274

**Protanomaly**  
4284058317

**Deuteranomaly**  
4283337683

**Tritanomaly**  
4279276981

# Monochromacy



**Original Color**  
4281176274

**Achromatopsia**  
4286216826

**Achromatomaly**  
4284383898

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281176274 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, 144, 210)` looks like.

```
.text, #text, p{  
    color:rgb(45, 144, 210)  
}
```

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, 144, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 144, 210) }
```

## Border

The CSS property to change the border of an element to Android 4281176274 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, 144, 210) }
```

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

```
.border{ border-color:rgb(45, 144, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 144, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 144, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 144, 210);  
box-shadow:4px 4px 4px 4px rgb(45, 144,  
210) }
```

# Background

The CSS property to change the background color of an element to Android 4281176274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 144, 210) }
```

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

```
.background{ background-color: rgb(45, 144,  
210) }
```

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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**[Learn more, Memberships starting at \\$2.50/m!](#)**

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