

# Converting Colors

Android(4282754274)

Have a look what the booklet for  
Android(4282754274) contains.

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# **Color**

**Android(4282754274)**

# Conversions

## Conversions Part 1

Format	Color
Hex	45A4E2
RGB	69, 164, 226
RGB Percent	27%, 64%, 89%
CMY	0.7294, 0.3569, 0.1137
CMYK	0.69, 0.27, 0.00, 0.11
HSL	204°, 73%, 58%
HSV	204°, 69%, 89%
XYZ	29.4572, 33.3071, 76.8279
YIQ	142.6630, -76.5220, -0.8580

# Conversions

## Conversions Part 2

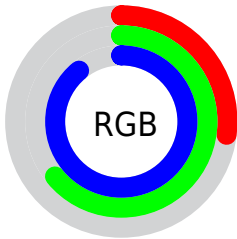
Format	Color
R <sub>Y</sub> B	69, 128, 226
Decimal	4564194
CIE Lab	64.41, -8.22, -39.42
CIE LCh	64, 40.266, 258.216
Yxy	33.3071, 0.2110, 0.2386
Android (android.graphics.Color)	4282754274 (0xFF45A4E2)
YUV	142.6630, 41.0851, -64.6025
Hunter-Lab	57.7123, -9.8877, -38.5295

# Details

The Android color `4282754274` is a light color, and the websafe version is hex `3399CC`. The color can be described as light muted azure. A complement of this color would be `4293034821`, and the grayscale version is `4287532686`.

A 20% lighter version of the original color is `4287028223`, and `4278218922` is the 20% darker color. If you saturate the color by 10%, you get `4281244642`, and if you desaturate by 10%, it is `4284263906`.

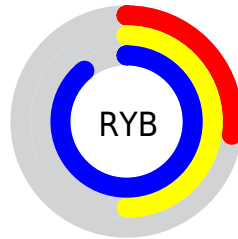
# Distribution



Red (27%)

Green (64%)

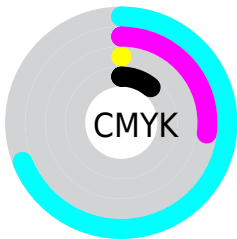
Blue (89%)



Red (27%)

Yellow (50%)

Blue (89%)

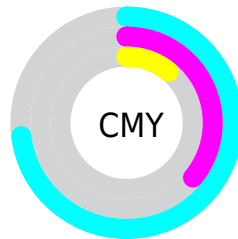


Cyan (69%)

Magenta (27%)

Yellow (0%)

Black (11%)



Cyan (73%)

Magenta (36%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282754274 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 4282754274 by changing the saturation by 10% instead.





4282754274



4282754274

4294967295



4279732934



4287028223



4278218922



4289001471



4278212752



4290969599



4278206838



4293001215



4278201181



4278196293



4278191150



4278190360



4278190080

■ 4282754274

■ 4282754274

■ 4281244642

■ 4284263906

■ 4279800546

■ 4285708002

■ 4278290914

■ 4287217634

■ 4278225378

■ 4288661730

■ 4290171362

■ 4291680994

■ 4293124834

■ 4294634466

■ 4294964450

# Harmonies

## Analogous

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



4278234321



4282754274



4287273184

# Triad

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



4282754274



4292968584



4285835627

# Complementary

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



4282754274



4293034821

# 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.



4288520534



4282754274



4292381032

# Square

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



4282754274



4292444588



4290745685



4282429068

# Rectangle

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



4282754274



4289564629



4290745685



4286752610

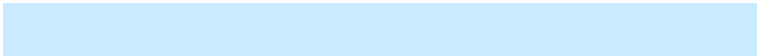


# Sweetspot

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



4282754274



4291422975



4282770049



4284511104



4278190080



4286611584



# Same Dimension

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



4282754274



4281052159



4282734562



4284836976



4278217392



4278197552



# Inverse Universe

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



4293019044



4294912939



4293054533



4285556076



4289724522

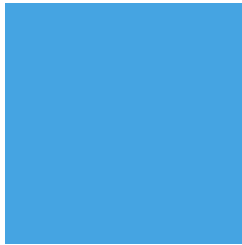


4281335837



# Previews

## White Background



This preview shows how the Android color 4282754274 looks on a white background.

## Color Contrast Check

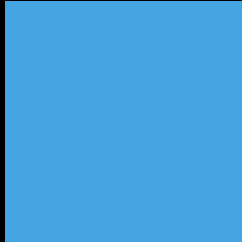
Large Text (above 18pt) WCAG AA × Fail

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 4282754274 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 ✓ Pass

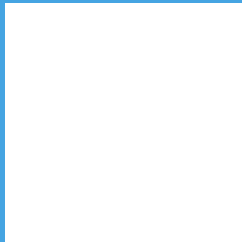
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4282754274 Background



This preview shows how black text looks on a background with the Android color 4282754274.



This preview shows how white text looks on a background with the Android color 4282754274.

# 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





# Trichromacy



**Original Color**  
4282754274

**Protanomaly**  
4285504988

**Deuteranomaly**  
4285046499

**Tritanomaly**  
4281575881

# Monochromacy



**Original Color**  
4282754274

**Achromatopsia**  
4287598479

**Achromatomaly**  
4285831085

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282754274 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(69, 164, 226)` looks like.

```
.text, #text, p{  
    color:rgb(69, 164, 226)  
}
```

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(69, 164, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 164, 226) }
```

## Border

The CSS property to change the border of an element to Android 4282754274 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(69, 164, 226) }
```

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

```
.border{ border-color:rgb(69, 164, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 164, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 164, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 164, 226);  
box-shadow:4px 4px 4px 4px rgb(69, 164,  
226) }
```

# Background

The CSS property to change the background color of an element to Android 4282754274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 164, 226) }
```

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

```
.background{ background-color: rgb(69, 164,  
226) }
```

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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