

# Converting Colors

Android(4282552753)

Have a look what the booklet for  
Android(4282552753) contains.

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# Color

**Android(4282552753)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4291B1
RGB	66, 145, 177
RGB Percent	26%, 57%, 69%
CMY	0.7412, 0.4314, 0.3059
CMYK	0.63, 0.18, 0.00, 0.31
HSL	197°, 46%, 48%
HSV	197°, 63%, 69%
XYZ	20.3080, 24.5834, 45.2697
YIQ	125.0270, -57.3560, -6.7960

# Conversions

## Conversions Part 2

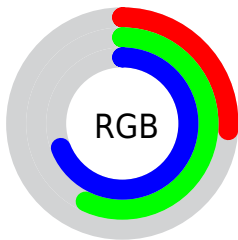
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	66, 112, 177
Decimal	4362673
CIE <sub>Lab</sub>	56.67, -14.31, -23.98
CIE <sub>LCh</sub>	57, 27.927, 239.183
Y <sub>xy</sub>	24.5834, 0.2252, 0.2727
Android (android.graphics.Color)	4282552753 (0xFF4291B1)
Y <sub>UV</sub>	125.0270, 25.6227, -51.7667
Hunter-Lab	49.5816, -13.6566, -19.4266

# Details

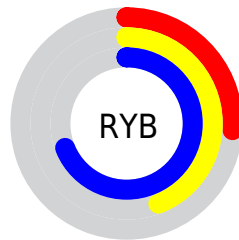
The Android color `4282552753` is a dark color, and the websafe version is hex `3399CC`. A complement of this color would be `4289815106`, and the grayscale version is `4286414205`.

A 20% lighter version of the original color is `4286367721`, and `4278214524` is the 20% darker color. If you saturate the color by 10%, you get `4281371825`, and if you desaturate by 10%, it is `4283733681`.

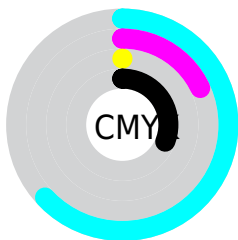
# Distribution



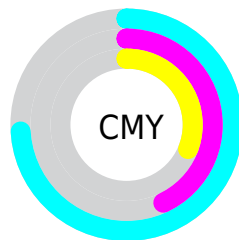
- Red (26%)
- Green (57%)
- Blue (69%)



- Red (26%)
- Yellow (44%)
- Blue (69%)



- Cyan (63%)
- Magenta (18%)
- Yellow (0%)
- Black (31%)



- Cyan (74%)
- Magenta (43%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282552753 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 4282552753 by changing the saturation by 10% instead.



 4282552753

 4282552753

4294967295

 4280252310

 4286367721

 4278214524

 4288275455

 4278208355

 4290183167

 4278202443

 4292083711

 4278197300

 4294049791

 4278190623

 4278190082

 4278190080

 4282552753

 4282552753

■ 4281371825

■ 4283733681

■ 4280256433

■ 4284849073

■ 4279075505

■ 4286030001

■ 4278222513

■ 4287210929

■ 4288392113

■ 4289507505

■ 4290688433

■ 4291869361

■ 4292984753

# Harmonies

## Analogous

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



4281636255



4282552753



4284910264

# Triad

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



4282552753



4290147978



4286615133

# Complementary

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



4282552753



4289815106

# 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.



4288251479



4282552753



4290213745

# Square

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



4282552753



4289100449



4289560159



4284715886

# Rectangle

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



4282552753



4286547382



4289560159



4287204185



# Sweetspot

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



4282552753



4290435558



4282560865



4283984755



4294111986



4285756275



# Same Dimension

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



4282552753



4281971942



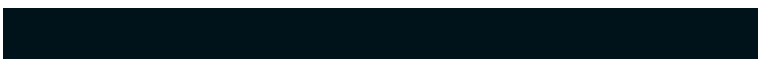
4282538673



4283455321



4278218137



4278194714



# Inverse Universe

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



4289806993



4293278132



4289829186



4284043351



4288217197

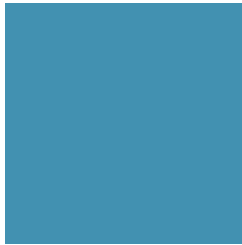


4279894034



# Previews

## White Background



This preview shows how the Android color 4282552753 looks on a white background.

## Color Contrast Check

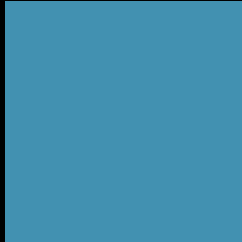
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282552753 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

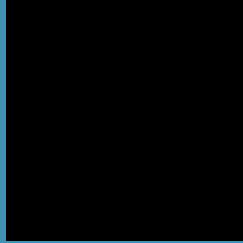
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4282552753 Background



This preview shows how black text looks on a background with the Android color 4282552753.



This preview shows how white text looks on a background with the Android color 4282552753.

# 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**

4282552753

**Protanopia**

4286547625

**Deuteranopia**

4286350772



# Trichromacy



**Original Color**  
4282552753

**Protanomaly**  
4285106860

**Deuteranomaly**  
4284975539

**Tritanomaly**  
4282225574

# Monochromacy



**Original Color**  
4282552753

**Achromatopsia**  
4286414205

**Achromatomaly**  
4285039760

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282552753 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(66, 145, 177)` looks like.

```
.text, #text, p{  
    color:rgb(66, 145, 177)  
}
```

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(66, 145, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 145, 177) }
```

## Border

The CSS property to change the border of an element to Android 4282552753 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(66, 145, 177) }
```

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

```
.border{ border-color:rgb(66, 145, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 145, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 145, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 145, 177);  
box-shadow:4px 4px 4px 4px rgb(66, 145,  
177) }
```

# Background

The CSS property to change the background color of an element to Android 4282552753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 145, 177) }
```

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

```
.background{ background-color: rgb(66, 145,  
177) }
```

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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