

# Converting Colors

Android(4281773762)

Have a look what the booklet for  
Android(4281773762) contains.

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# **Color**

**Android(4281773762)**

# Conversions

## Conversions Part 1

Format	Color
Hex	36AEC2
RGB	54, 174, 194
RGB Percent	21%, 68%, 76%
CMY	0.7882, 0.3176, 0.2392
CMYK	0.72, 0.10, 0.00, 0.24
HSL	189°, 56%, 49%
HSV	189°, 72%, 76%
XYZ	26.3950, 34.9514, 56.3941
YIQ	140.4000, -77.9400, -19.2200

# Conversions

## Conversions Part 2

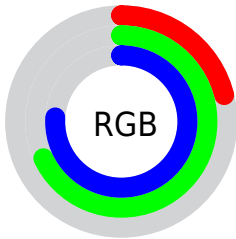
Format	Color
R <sub>YB</sub>	54, 119, 194
Decimal	3583682
CIE <sub>Lab</sub>	65.71, -25.99, -19.73
CIE <sub>LCh</sub>	66, 32.635, 217.209
Y <sub>xy</sub>	34.9514, 0.2242, 0.2969
Android (android.graphics.Color)	4281773762 (0xFF36AEC2)
YUV	140.4000, 26.4248, -75.7728
Hunter-Lab	59.1197, -23.7652, -15.1727

# Details

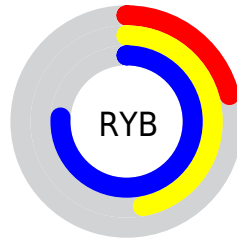
The Android color `4281773762` is a dark color, and the websafe version is hex `339999`. The color can be described as middle muted azure. A complement of this color would be `4290923062`, and the grayscale version is `4287401100`.

A 20% lighter version of the original color is `4286113531`, and `4278221196` is the 20% darker color. If you saturate the color by 10%, you get `4280527810`, and if you desaturate by 10%, it is `4283019714`.

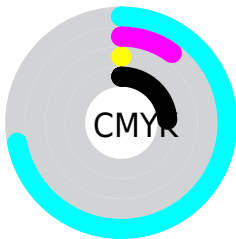
# Distribution



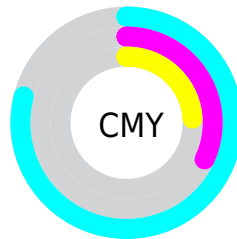
- Red (21%)
- Green (68%)
- Blue (76%)



- Red (21%)
- Yellow (47%)
- Blue (76%)



- Cyan (72%)
- Magenta (10%)
- Yellow (0%)
- Black (24%)




- Cyan (79%)
- Magenta (32%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281773762 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 4281773762 by changing the saturation by 10% instead.



 4281773762

 4281773762

4294967295

 4278227879

 4286113531

 4278221196

 4288086015

 4278214771

 4290052095

 4278208602

 4292018175

 4278202691

 4294049791

 4278197804

 4278190360

 4278190080

 4281773762

 4281773762

■ 4280527810

■ 4283019714

■ 4279216322

■ 4284331202

■ 4278232770

■ 4285576898

■ 4286888386

■ 4288134338

■ 4289380290

■ 4290691522

■ 4291937474

■ 4293248962

# Harmonies

## Analogous

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



4282822822



4281773762



4283738581

# Triad

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



4281773762



4291464631



4289568869

# Complementary

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



4281773762



4290923062

# 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.



4291204714



4281773762



4292446618

# Square

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



4281773762



4289566414



4292251006



4287473776

# Rectangle

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



4281773762



4285768666



4292251006



4290157925



# Sweetspot

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



4281773762



4291163644



4281778761



4284382080



4278190080



4286611584

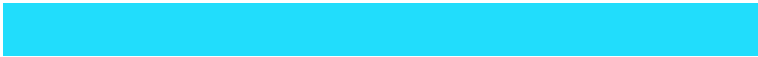


# Same Dimension

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



4281773762



4280409596



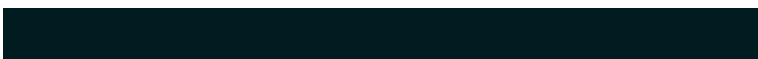
4281756098



4283916385



4278225569



4278197281



# Inverse Universe

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



4290918062



4294713821



4290940726



4284569440



4288741514



4280352796



# Previews

## White Background



This preview shows how the Android color 4281773762 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 4281773762 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 4281773762 Background



This preview shows how black text looks on a background with the Android color 4281773762.



This preview shows how white text looks on a background with the Android color 4281773762.

# 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**  
4281773762

**Protanopia**  
4288322999

**Deuteranopia**  
4288322502



# Trichromacy



**Original Color**

4281773762



**Protanomaly**

4285965243



**Deuteranomaly**

4285964997



**Tritanomaly**

4281642943

# Monochromacy



**Original Color**

4281773762



**Achromatopsia**

4287401100



**Achromatomaly**

4285372576

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281773762 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(54, 174, 194)` looks like.

```
.text, #text, p{  
    color:rgb(54, 174, 194)  
}
```

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(54, 174, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 174, 194) }
```

## Border

The CSS property to change the border of an element to Android 4281773762 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(54, 174, 194) }
```

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

```
.border{ border-color:rgb(54, 174, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 174, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 174, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 174, 194);  
box-shadow:4px 4px 4px 4px rgb(54, 174,  
194) }
```

# Background

The CSS property to change the background color of an element to Android 4281773762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 174, 194) }
```

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

```
.background{ background-color: rgb(54, 174,  
194) }
```

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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