

Converting Colors

Android(4281776068)

Have a look what the booklet for
Android(4281776068) contains.

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Color

Android(4281776068)

Conversions

Conversions Part 1

Format	Color
Hex	36B7C4
RGB	54, 183, 196
RGB Percent	21%, 72%, 77%
CMY	0.7882, 0.2824, 0.2314
CMYK	0.72, 0.07, 0.00, 0.23
HSL	185°, 57%, 49%
HSV	185°, 72%, 77%
XYZ	28.4186, 38.6368, 58.1844
YIQ	145.9110, -81.0570, -23.3050

Conversions

Conversions Part 2

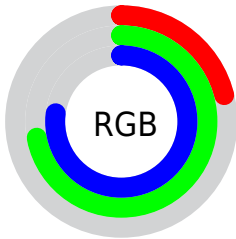
Format	Color
R _{YB}	54, 122, 196
Decimal	3585988
CIE _{Lab}	68.49, -29.83, -16.63
CIE _{LCh}	68, 34.150, 209.141
Yxy	38.6368, 0.2269, 0.3085
Android (android.graphics.Color)	4281776068 (0xFF36B7C4)
YUV	145.9110, 24.6939, -80.6059
Hunter-Lab	62.1585, -27.1678, -11.9884

Details

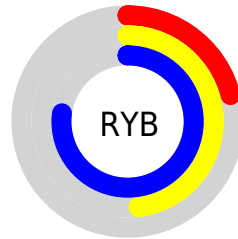
The Android color **4281776068** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle muted azure. A complement of this color would be **4291052342**, and the grayscale version is **4287795858**.

A 20% lighter version of the original color is **4286181373**, and **4278223502** is the 20% darker color. If you saturate the color by 10%, you get **4280464836**, and if you desaturate by 10%, it is **4283087300**.

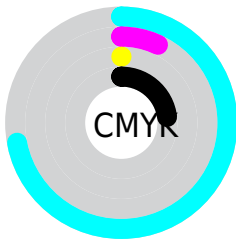
Distribution



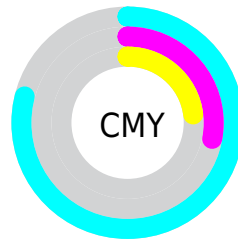
- Red (21%)
- Green (72%)
- Blue (77%)



- Red (21%)
- Yellow (48%)
- Blue (77%)



- Cyan (72%)
- Magenta (7%)
- Yellow (0%)
- Black (23%)





- Cyan (79%)
- Magenta (28%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281776068 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 4281776068 by changing the saturation by 10% instead.

 4281776068

 4281776068

4294967295

 4278230185

 4286181373

 4278223502

 4288217087

 4278216821

 4290183167

 4278210396

 4292149247


 4278204485

 4294180863

 4278199086

 4278190362

 4278190080

 4281776068

 4281776068

■ 4280464836

■ 4283087300

■ 4279219140

■ 4284332996

■ 4278235844

■ 4285643972

■ 4286889668

■ 4288200900

■ 4289512132

■ 4290757828

■ 4292068804

■ 4293314500

Harmonies

Analogous

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



4283611301



4281776068



4283085787

Triad

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



4281776068



4291663303



4290618729

Complementary

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



4281776068



4291052342

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.



4292254323



4281776068



4292972713

Square

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



4281776068



4289372125



4293104267



4288523888

Rectangle

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



4281776068



4285181411



4293104267



4291207530

Sweetspot

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



4281776068



4291295999



4281779266



4284382336



4278190080



4286611584

Same Dimension

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



4281776068



4280413183



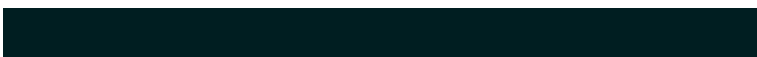
4281758148



4283916385



4278227617



4278197793

Inverse Universe

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



4291049143



4294910443



4291070262



4284569440



4288741522



4280352798

Previews

White Background



This preview shows how the Android color 4281776068 looks on a white background.

Color Contrast Check

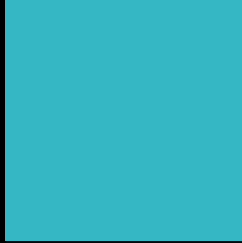
Large Text (above 18pt) WCAG AA × Fail

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 4281776068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

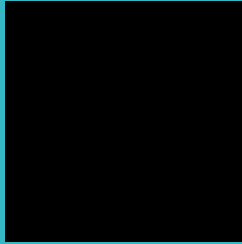
Any Text WCAG AA ✓ Pass

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 4281776068 Background



This preview shows how black text looks on a background with the Android color 4281776068.



This preview shows how white text looks on a background with the Android color 4281776068.

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

4281776068



Protanomaly

4286295228



Deuteranomaly

4286425799



Tritanomaly

4281841605

Monochromacy



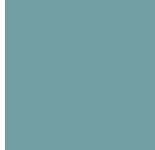
Original Color

4281776068



Achromatopsia

4287795858



Achromatomaly

4285636516

CSS Examples

Text

The CSS property to change the color of the text to Android 4281776068 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, 183, 196)` looks like.

```
.text, #text, p{  
    color:rgb(54, 183, 196)  
}
```

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, 183, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 183, 196) }
```

Border

The CSS property to change the border of an element to Android 4281776068 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, 183, 196) }
```

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

```
.border{ border-color:rgb(54, 183, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 183, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 183, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 183, 196);  
box-shadow:4px 4px 4px 4px rgb(54, 183,  
196) }
```

Background

The CSS property to change the background color of an element to Android 4281776068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 183, 196) }
```

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

```
.background{ background-color: rgb(54, 183,  
196) }
```

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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