

Converting Colors

Android(4281423968)

Have a look what the booklet for
Android(4281423968) contains.

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Color

Android(4281423968)

Conversions

Conversions Part 1

Format	Color
Hex	315860
RGB	49, 88, 96
RGB Percent	19%, 35%, 38%
CMY	0.8078, 0.6549, 0.6235
CMYK	0.49, 0.08, 0.00, 0.62
HSL	190°, 32%, 28%
HSV	190°, 49%, 38%
XYZ	6.8677, 8.4769, 12.3406
YIQ	77.2510, -25.8120, -5.7800

Conversions

Conversions Part 2

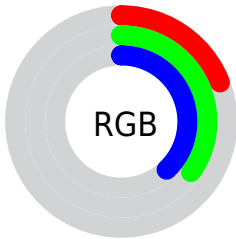
Format	Color
R_{YB}	49, 70, 96
Decimal	3233888
CIE _{Lab}	34.96, -11.39, -8.93
CIE _{LCh}	35, 14.473, 218.104
Yxy	8.4769, 0.2481, 0.3062
Android (android.graphics.Color)	4281423968 (0xFF315860)
YUV	77.2510, 9.2433, -24.7761
Hunter-Lab	29.1152, -8.8472, -4.7497




Details

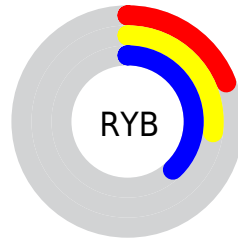
The Android color **4281423968** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4284496177**, and the grayscale version is **4283256141**.




A 20% lighter version of the original color is **4284713618**, and **4278200882** is the 20% darker color. If you saturate the color by 10%, you get **4280768096**, and if you desaturate by 10%, it is **4282079840**.

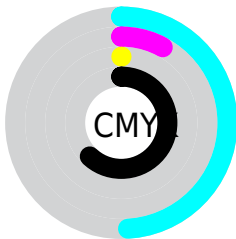
Distribution







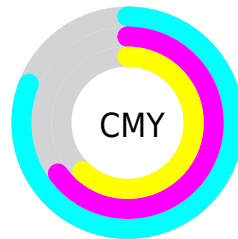
-  Red (19%)
-  Green (35%)
-  Blue (38%)






-  Red (19%)
-  Yellow (27%)
-  Blue (38%)



-  Cyan (49%)
-  Magenta (8%)
-  Yellow (0%)
-  Black (62%)



-  Cyan (81%)
-  Magenta (65%)
-  Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281423968 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 4281423968 by changing the saturation by 10% instead.



4281423968



4281423968

4294967295



4279779656



4284713618



4278200882



4286358701



4278195997



4288135112



4278190081



4289911780



4278190080



4291754239



4293656575



4281423968



4281423968



4280768096



4282079840

■ 4280178016

■ 4282669920

■ 4279522144

■ 4283325792

■ 4278931808

■ 4283916128

■ 4278276192

■ 4284571744

■ 4278210656

■ 4285227616

■ 4285817696

■ 4286473568

■ 4287063904

Harmonies

Analogous

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



4281555285



4281423968



4281947751

Triad

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



4281423968



4284762971



4283978299

Complementary

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



4281423968



4284496177

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.



4284632893



4281423968



4285090383

Square

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



4281423968



4283977316



4285090629



4283127360

Rectangle

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



4281423968



4282602345



4285090629



4284174651

Sweetspot

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



4281423968



4285168253



4281425977



4281613888



4290756543



4282400832

Same Dimension

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



4281423968



4281561213



4281418080



4281086000



4278214000



4278241264

Inverse Universe

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



4284494168



4286395248



4284502065



4281347120



4285530205



4293918919

Previews

White Background



This preview shows how the Android color 4281423968 looks on a white background.

Color Contrast Check

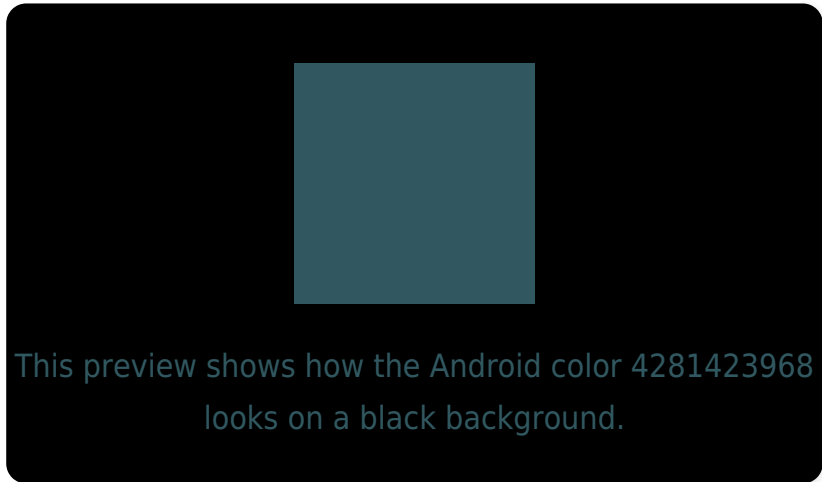
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

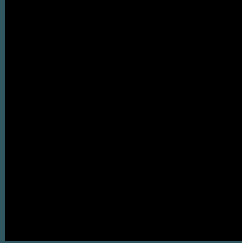
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

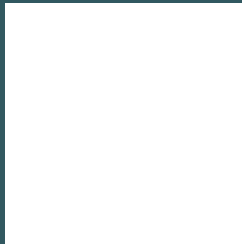
Any Text WCAG AAA × Fail

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

Android 4281423968 Background



This preview shows how black text looks on a background with the Android color 4281423968.



This preview shows how white text looks on a background with the Android color 4281423968.

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

4281423968

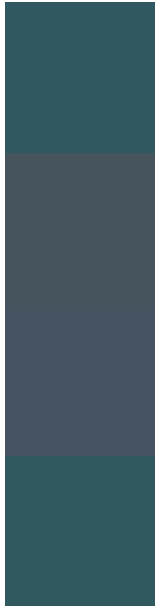
Protanopia

4283453788

Deuteranopia

4283584610

Trichromacy



Original Color

4281423968

Protanomaly

4282733661

Deuteranomaly

4282798945

Tritanomaly

4281423967

Monochromacy



Original Color

4281423968

Achromatopsia

4283256141

Achromatomaly

4282601812

CSS Examples

Text

The CSS property to change the color of the text to Android 4281423968 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(49, 88, 96)` looks like.

```
.text, #text, p{  
    color:rgb(49, 88, 96)  
}
```

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(49, 88, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 88, 96) }
```

Border

The CSS property to change the border of an element to Android 4281423968 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(49, 88, 96) }
```

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

```
.border{ border-color:rgb(49, 88, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 88, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 88, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 88, 96);  
box-shadow:4px 4px 4px 4px rgb(49, 88, 96)  
}
```

Background

The CSS property to change the background color of an element to Android 4281423968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 88, 96) }
```

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

```
.background{ background-color: rgb(49, 88,  
96) }
```

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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