

Converting Colors

Android(4282014068)

Have a look what the booklet for
Android(4282014068) contains.

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Color

Android(4282014068)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 3A5974 |
| RGB | 58, 89, 116 |
| RGB Percent | 23%, 35%, 45% |
| CMY | 0.7725, 0.6510, 0.5451 |
| CMYK | 0.50, 0.23, 0.00, 0.55 |
| HSL | 208°, 33%, 34% |
| HSV | 208°, 50%, 45% |
| XYZ | 8.4697, 9.3053, 17.8727 |
| YIQ | 82.8090, -27.1430, 1.8250 |

Conversions

Conversions Part 2

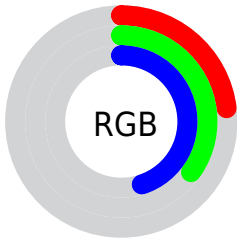
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 58, 78, 116 |
| Decimal | 3823988 |
| CIELab | 36.57, -3.25, -18.88 |
| CIElCh | 37, 19.153, 260.243 |
| Yxy | 9.3053, 0.2376, 0.2610 |
| Android (android.graphics.Color) | 4282014068 (0xFF3A5974) |
| YUV | 82.8090, 16.3632, -21.7575 |
| Hunter-Lab | 30.5045, -3.8217, -13.3850 |

Details

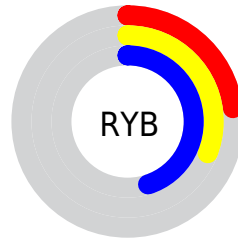
The Android color `4282014068` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4285814074`, and the grayscale version is `4283650899`.

A 20% lighter version of the original color is `4285369256`, and `4278398020` is the 20% darker color. If you saturate the color by 10%, you get `4281226356`, and if you desaturate by 10%, it is `4282801780`.

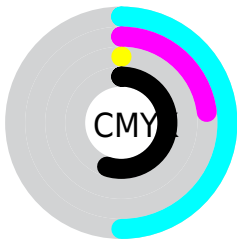
Distribution



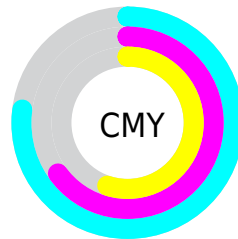
- Red (23%)
- Green (35%)
- Blue (45%)



- Red (23%)
- Yellow (31%)
- Blue (45%)



- Cyan (50%)
- Magenta (23%)
- Yellow (0%)
- Black (55%)



- Cyan (77%)
- Magenta (65%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282014068 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 4282014068 by changing the saturation by 10% instead.



4282014068



4282014068

4294967295



4280369755



4285369256



4278398020



4287079875



4278196013



4288856287



4278190361



4290632956



4278190080



4292540927



4294377471



4282014068



4282014068



4281226356



4282801780

■ 4280503924

■ 4283524212

■ 4279716212

■ 4284311924

■ 4278993780

■ 4285034356

■ 4278206068

■ 4285822068

■ 4286609780

■ 4287332212

■ 4288119924

■ 4288842356

Harmonies

Analogous

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



4280769901



4282014068



4283520115

Triad

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



4282014068



4285877068



4282670146

Complementary

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



4282014068



4285814074

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.



4283848761



4282014068



4285550143

Square

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



4282014068



4285614940



4284830520



4281491024

Rectangle

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



4282014068



4284436590



4284830520



4283063102

Sweetspot

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



4282014068



4286614678



4282020948



4282336845



4291611852



4283256141

Same Dimension

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



4282014068



4282150038



4282006900



4281677883



4278206842



4278224634

Inverse Universe

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



4285807193



4288035948



4285821242



4282070328



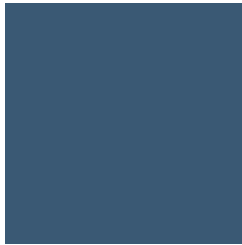
4286185537



4294574214

Previews

White Background



This preview shows how the Android color 4282014068 looks on a white background.

Color Contrast Check

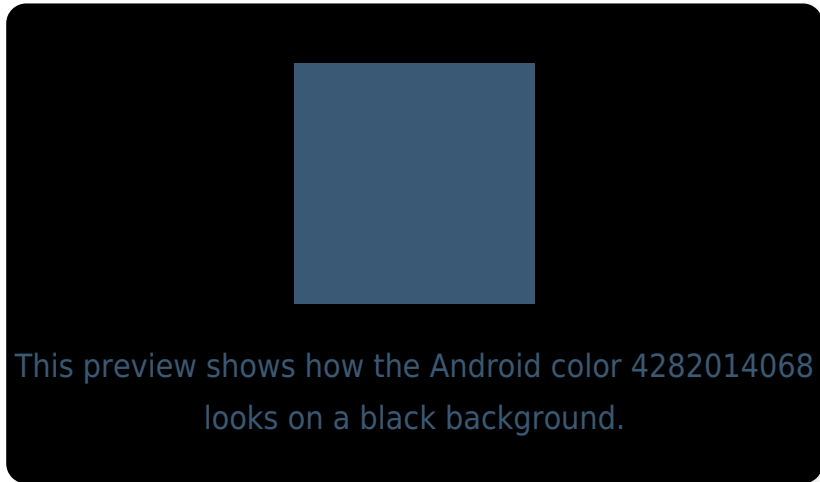
Large Text (above 18pt) WCAG AA ✓ Pass

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

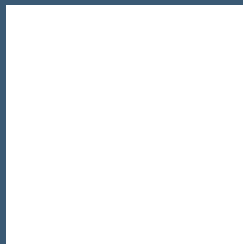
Any Text WCAG AAA × Fail

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

Android 4282014068 Background



This preview shows how black text looks on a background with the Android color 4282014068.



This preview shows how white text looks on a background with the Android color 4282014068.

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

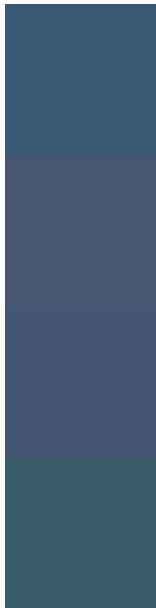


Original Color
4282014068

Protanopia
4283323761

Deuteranopia
4283192693

Trichromacy



Original Color

4282014068

Protanomaly

4282865266

Deuteranomaly

4282734197

Tritanomaly

4281817961

Monochromacy



Original Color

4282014068

Achromatopsia

4283650899

Achromatomaly

4283061599

CSS Examples

Text

The CSS property to change the color of the text to Android 4282014068 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(58, 89, 116)` looks like.

```
.text, #text, p{  
    color:rgb(58, 89, 116)  
}
```

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(58, 89, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 89, 116) }
```

Border

The CSS property to change the border of an element to Android 4282014068 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(58, 89, 116) }
```

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

```
.border{ border-color:rgb(58, 89, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 89, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 89, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 89, 116);  
box-shadow:4px 4px 4px 4px rgb(58, 89,  
116) }
```

Background

The CSS property to change the background color of an element to Android 4282014068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 89, 116) }
```

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

```
.background{ background-color: rgb(58, 89,  
116) }
```

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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