

Converting Colors

Android(4280501368)

Have a look what the booklet for
Android(4280501368) contains.

Android(4280501368)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4280501368)

Conversions

Conversions Part 1

Format	Color
Hex	234478
RGB	35, 68, 120
RGB Percent	14%, 27%, 47%
CMY	0.8627, 0.7333, 0.5294
CMYK	0.71, 0.43, 0.00, 0.53
HSL	217°, 55%, 30%
HSV	217°, 71%, 47%
XYZ	6.1504, 5.8476, 18.5738
YIQ	64.0610, -36.3600, 9.1760

Conversions

Conversions Part 2

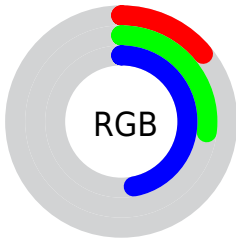
Format	Color
R_{YB}	35, 59, 120
Decimal	2311288
CIE _{Lab}	29.02, 6.66, -33.29
CIE _{LCh}	29, 33.952, 281.319
Yxy	5.8476, 0.2012, 0.1913
Android (android.graphics.Color)	4280501368 (0xFF234478)
YUV	64.0610, 27.5779, -25.4865
Hunter-Lab	24.1819, 3.0814, -28.6127

Details

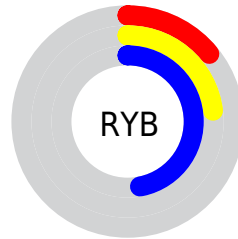
The Android color **4280501368** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4286076707**, and the grayscale version is **4282400832**.

A 20% lighter version of the original color is **4284118189**, and **4278196807** is the 20% darker color. If you saturate the color by 10%, you get **4279713144**, and if you desaturate by 10%, it is **4281289592**.

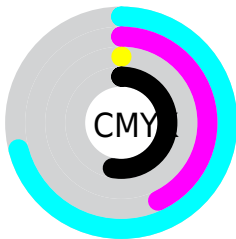
Distribution



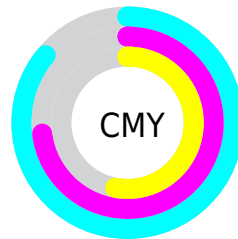
- Red (14%)
- Green (27%)
- Blue (47%)



- Red (14%)
- Yellow (23%)
- Blue (47%)



- Cyan (71%)
- Magenta (43%)
- Yellow (0%)
- Black (53%)



- Cyan (86%)
- Magenta (73%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280501368 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 4280501368 by changing the saturation by 10% instead.

■ 4280501368

■ 4280501368

4294967295

■ 4278201951

■ 4284118189

■ 4278196807

■ 4285894088

■ 4278190640

■ 4287670244

■ 4278190362

■ 4289512447

■ 4278190080

■ 4291354367

■ 4293262335

■ 4280501368

■ 4280501368

■ 4279713144

■ 4281289592

■ 4278924664

■ 4282078072

■ 4278202232

■ 4282866296

■ 4283654520

■ 4284443000

■ 4285231224

■ 4286019448

■ 4286807928

■ 4287596152

Harmonies

Analogous

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



4278209654



4280501368



4283644268

Triad

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



4280501368



4285477667



4278210611

Complementary

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



4280501368



4286076707

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.



4281093146



4280501368



4284497168

Square

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



4280501368



4285803580



4282992139



4278210894

Rectangle

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



4280501368



4284822110



4282992139



4278996778

Sweetspot

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



4280501368



4286285980



4280514646



4282073935



4291809231



4283387727

Same Dimension

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



4280501368



4279716764



4281017208



4281809213



4278202749



4278215420

Inverse Universe

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



4286063428



4288419659



4285560867



4282201913



4286382129



4294705250

Previews

White Background



This preview shows how the Android color 4280501368 looks on a white background.

Color Contrast Check

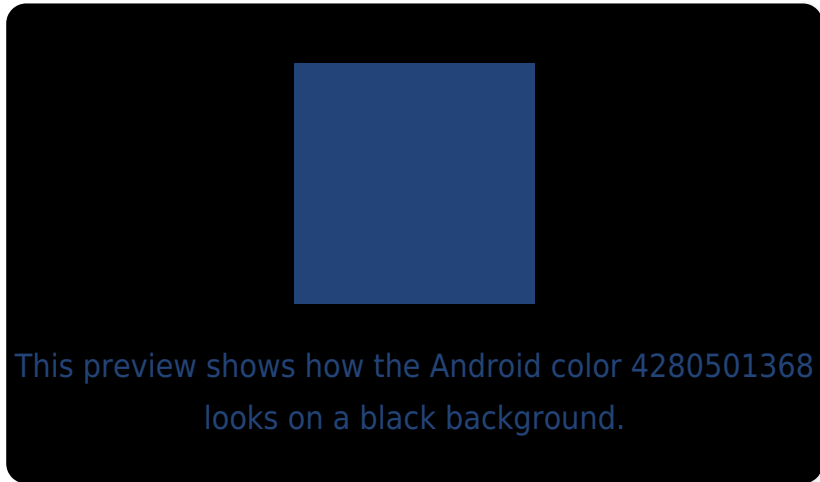
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280501368 Background



This preview shows how black text looks on a background with the Android color 4280501368.



This preview shows how white text looks on a background with the Android color 4280501368.

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

4280501368

Protanopia

4281156471

Deuteranopia

4279846264

Trichromacy



Original Color
4280501368

Protanomaly
4280894327

Deuteranomaly
4280108408

Tritanomaly
4279060832

Monochromacy



Original Color
4280501368

Achromatopsia
4282400832

Achromatomaly
4281680212

CSS Examples

Text

The CSS property to change the color of the text to Android 4280501368 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(35, 68, 120)` looks like.

```
.text, #text, p{  
    color:rgb(35, 68, 120)  
}
```

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(35, 68, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 68, 120) }
```

Border

The CSS property to change the border of an element to Android 4280501368 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(35, 68, 120) }
```

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

```
.border{ border-color:rgb(35, 68, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 68, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 68, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 68, 120);  
box-shadow:4px 4px 4px 4px rgb(35, 68,  
120) }
```

Background

The CSS property to change the background color of an element to Android 4280501368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 68, 120) }
```

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

```
.background{ background-color: rgb(35, 68,  
120) }
```

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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