

Converting Colors

Android(4280428102)

Have a look what the booklet for
Android(4280428102) contains.

Android(4280428102)	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(4280428102)

Conversions

Conversions Part 1

Format	Color
Hex	222646
RGB	34, 38, 70
RGB Percent	13%, 15%, 27%
CMY	0.8667, 0.8510, 0.7255
CMYK	0.51, 0.46, 0.00, 0.73
HSL	233°, 35%, 20%
HSV	233°, 51%, 27%
XYZ	2.4583, 2.1685, 6.0833
YIQ	40.4520, -12.6560, 9.1040

Conversions

Conversions Part 2

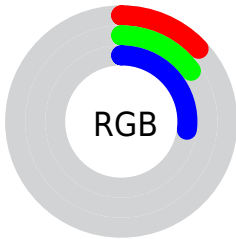
Format	Color
R_{YB}	34, 38, 70
Decimal	2238022
CIE _{Lab}	16.35, 8.44, -20.69
CIE _{LCh}	16, 22.340, 292.186
Yxy	2.1685, 0.2295, 0.2025
Android (android.graphics.Color)	4280428102 (0xFF222646)
YUV	40.4520, 14.5672, -5.6584
Hunter-Lab	14.7258, 4.0281, -14.1850




Details

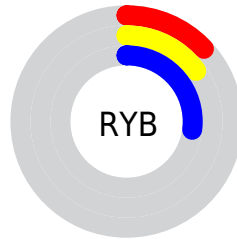
The Android color **4280428102** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4282794530**, and the grayscale version is **4280821800**.




A 20% lighter version of the original color is **4283519863**, and **4278190362** is the 20% darker color. If you saturate the color by 10%, you get **4279967814**, and if you desaturate by 10%, it is **4280888390**.

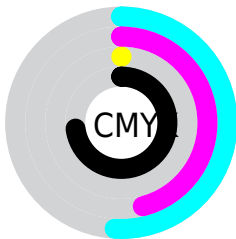
Distribution







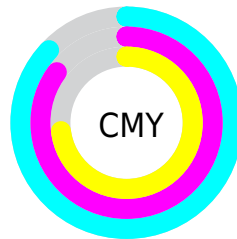
-  Red (13%)
-  Green (15%)
-  Blue (27%)






-  Red (13%)
-  Yellow (15%)
-  Blue (27%)



-  Cyan (51%)
-  Magenta (46%)
-  Yellow (0%)
-  Black (73%)



-  Cyan (87%)
-  Magenta (85%)
-  Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280428102 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 4280428102 by changing the saturation by 10% instead.

■ 4280428102

■ 4280428102

4294967295

■ 4278915631

■ 4283519863

■ 4278190362

■ 4285164432

■ 4278190080

■ 4286809259

■ 4288585414

■ 4290361826

■ 4292204031

■ 4294046207

■ 4280428102

■ 4280428102

■ 4279967814

■ 4280888390

■ 4279507526

■ 4281348678

■ 4279046982

■ 4281809222

■ 4278586694

■ 4282269510

■ 4278192198

■ 4282729798

■ 4283190086

■ 4283650630

■ 4284110918

■ 4284571206

Harmonies

Analogous

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



4278201160



4280428102



4281868092

Triad

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



4280428102



4282392591



4278202404

Complementary

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



4280428102



4282794530

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.



4279381524



4280428102



4281673220

Square

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



4280428102



4282784541



4280691463



4278202420

Rectangle

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



4280428102



4282457139



4280691463



4278202398

Sweetspot

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



4280428102



4283322460



4280436290



4280690478



4289572269



4281216558

Same Dimension

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



4280428102



4280494428



4281344582



4280295716



4278192995



4278196707

Inverse Universe

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



4282786342



4284228393



4281878050



4280557601



4284678155



4293066777

Previews

White Background



This preview shows how the Android color 4280428102 looks on a white background.

Color Contrast Check

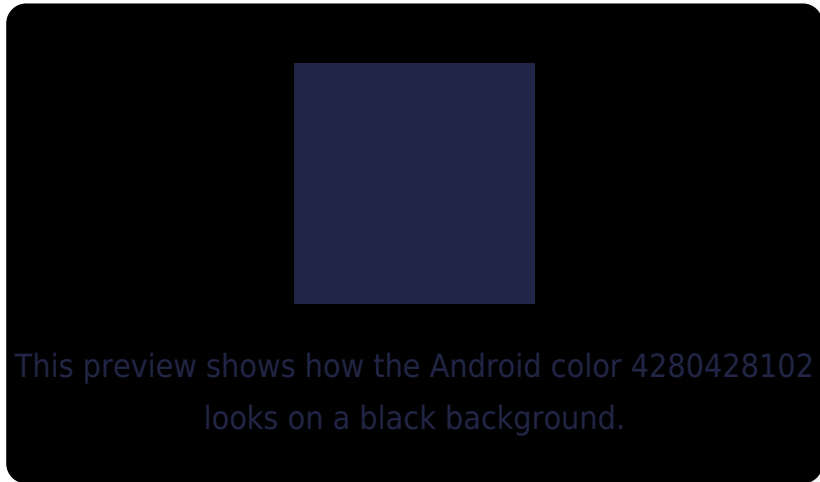
Large Text (above 18pt) WCAG AA ✓ Pass

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

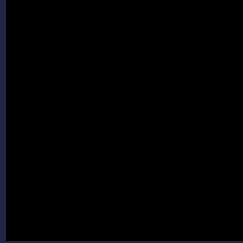
Any Text WCAG AA × Fail

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 4280428102 Background



This preview shows how black text looks on a background with the Android color 4280428102.



This preview shows how white text looks on a background with the Android color 4280428102.

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

4280428102

Protanopia

4279904328

Deuteranopia

4279445829

Trichromacy



Original Color

4280428102

Protanomaly

4280100679

Deuteranomaly

4279773253

Tritanomaly

4280101175

Monochromacy



Original Color

4280428102

Achromatopsia

4280821800

Achromatomaly

4280690483

CSS Examples

Text

The CSS property to change the color of the text to Android 4280428102 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(34, 38, 70)` looks like.

```
.text, #text, p{  
    color:rgb(34, 38, 70)  
}
```

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(34, 38, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 38, 70) }
```

Border

The CSS property to change the border of an element to Android 4280428102 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(34, 38, 70) }
```

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

```
.border{ border-color:rgb(34, 38, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 38, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 38, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 38, 70);  
box-shadow:4px 4px 4px 4px rgb(34, 38, 70)  
}
```

Background

The CSS property to change the background color of an element to Android 4280428102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 38, 70) }
```

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

```
.background{ background-color: rgb(34, 38,  
70) }
```

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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