

Converting Colors

Android(4280838320)

Have a look what the booklet for
Android(4280838320) contains.

Android(4280838320)	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(4280838320)

Conversions

Conversions Part 1

Format	Color
Hex	2868B0
RGB	40, 104, 176
RGB Percent	16%, 41%, 69%
CMY	0.8431, 0.5922, 0.3098
CMYK	0.77, 0.41, 0.00, 0.31
HSL	212°, 63%, 42%
HSV	212°, 77%, 69%
XYZ	13.6619, 13.4863, 42.9574
YIQ	93.0720, -61.2560, 8.8240

Conversions

Conversions Part 2

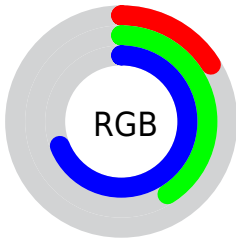
Format	Color
R_{YB}	40, 84, 176
Decimal	2648240
CIE _{Lab}	43.49, 5.51, -44.12
CIE _{LCh}	43, 44.464, 277.112
Yxy	13.4863, 0.1949, 0.1924
Android (android.graphics.Color)	4280838320 (0xFF2868B0)
YUV	93.0720, 40.8835, -46.5441
Hunter-Lab	36.7237, 2.1385, -43.6475

Details

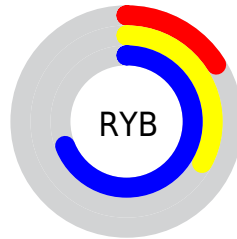
The Android color `4280838320` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4289753128`, and the grayscale version is `4284308829`.

A 20% lighter version of the original color is `4285111272`, and `4278205051` is the 20% darker color. If you saturate the color by 10%, you get `4279656368`, and if you desaturate by 10%, it is `4282020272`.

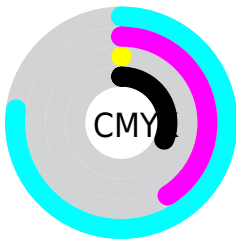
Distribution



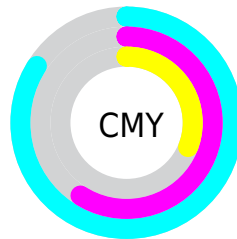
- Red (16%)
- Green (41%)
- Blue (69%)



- Red (16%)
- Yellow (33%)
- Blue (69%)



- Cyan (77%)
- Magenta (41%)
- Yellow (0%)
- Black (31%)



- Cyan (84%)
- Magenta (59%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280838320 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 4280838320 by changing the saturation by 10% instead.

 4280838320

 4280838320

4294967295

 4278210709

 4285111272

 4278205051

 4287018495

 4278199649

 4288926207

 4278194249

 4290899455

 4278191154

 4292804607

 4278190620

 4294770687

 4278190080

 4280838320

 4280838320

 4279656368

 4282020272

■ 4278539696

■ 4283136944

■ 4278211504

■ 4284318896

■ 4285435312

■ 4286617520

■ 4287799472

■ 4288915888

■ 4290098096

■ 4291214512

Harmonies

Analogous

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



4278219434



4280838320



4285815202

Triad

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



4280838320



4289023036



4278220361

Complementary

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



4280838320



4289753128

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.



4283134248



4280838320



4287715872

Square

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



4280838320



4289348703



4285687830



4278221167

Rectangle

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



4280838320



4287647631



4285687830



4280710461

Sweetspot

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



4280838320



4289841894



4280856686



4283654771



4294111986



4285756275

Same Dimension

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



4280838320



4279268838



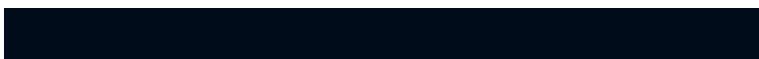
4280953008



4283454809



4278208665



4278193178

Inverse Universe

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



4289734760



4293267573



4289638440



4284043349



4288217160



4279894028

Previews

White Background



This preview shows how the Android color 4280838320 looks on a white background.

Color Contrast Check

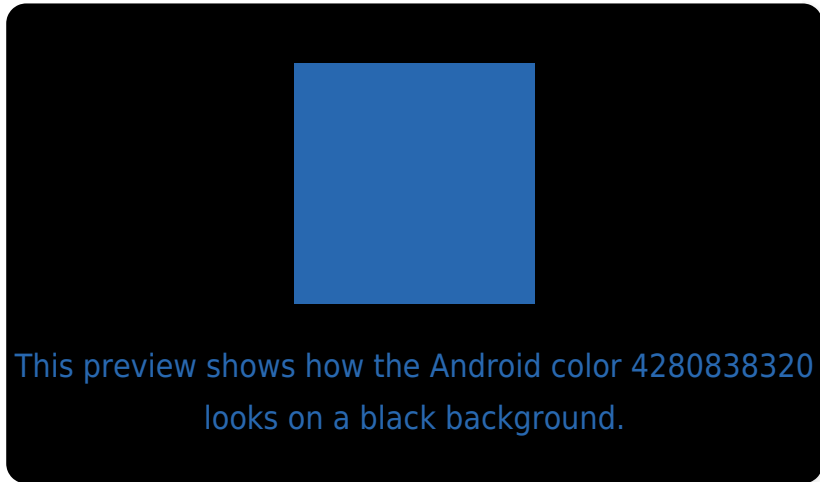
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 4280838320 Background



This preview shows how black text looks on a background with the Android color 4280838320.



This preview shows how white text looks on a background with the Android color 4280838320.

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

4280838320

Protanopia

4282934444

Deuteranopia

4281165744

Trichromacy



Original Color
4280838320

Protanomaly
4282148269

Deuteranomaly
4281034672

Tritanomaly
4279201422

Monochromacy



Original Color
4280838320

Achromatopsia
4284308829

Achromatomaly
4283064699

CSS Examples

Text

The CSS property to change the color of the text to Android 4280838320 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(40, 104, 176)` looks like.

```
.text, #text, p{  
    color:rgb(40, 104, 176)  
}
```

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(40, 104, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 104, 176) }
```

Border

The CSS property to change the border of an element to Android 4280838320 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(40, 104, 176) }
```

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

```
.border{ border-color:rgb(40, 104, 176) }
```

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

Here you see how a box with a 4 pixel rgb(40, 104, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 104, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 104, 176);  
box-shadow:4px 4px 4px 4px rgb(40, 104,  
176) }
```

Background

The CSS property to change the background color of an element to Android 4280838320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 104, 176) }
```

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

```
.background{ background-color: rgb(40, 104,  
176) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor