

Converting Colors

Android(4280963224)

Have a look what the booklet for
Android(4280963224) contains.

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Color

Android(4280963224)

Conversions

Conversions Part 1

Format	Color
Hex	2A5098
RGB	42, 80, 152
RGB Percent	16%, 31%, 60%
CMY	0.8353, 0.6863, 0.4039
CMYK	0.72, 0.47, 0.00, 0.40
HSL	219°, 57%, 38%
HSV	219°, 72%, 60%
XYZ	9.4910, 8.4966, 30.8455
YIQ	76.8460, -45.7600, 14.3360

Conversions

Conversions Part 2

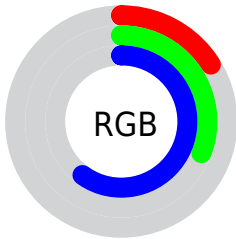
Format	Color
RYB	42, 70, 152
Decimal	2773144
CIELab	35.00, 12.16, -43.43
CIELCh	35, 45.098, 285.637
Yxy	8.4966, 0.1944, 0.1740
Android (android.graphics.Color)	4280963224 (0xFF2A5098)
YUV	76.8460, 37.0509, -30.5599
Hunter-Lab	29.1489, 7.1099, -42.3369

Details

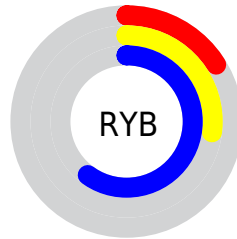
The Android color `4280963224` is a dark color, and the websafe version is hex `003366`. A complement of this color would be `4288180778`, and the grayscale version is `4283256141`.

A 20% lighter version of the original color is `4284907983`, and `4278199652` is the 20% darker color. If you saturate the color by 10%, you get `4279977624`, and if you desaturate by 10%, it is `4281948824`.

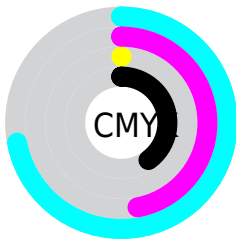
Distribution



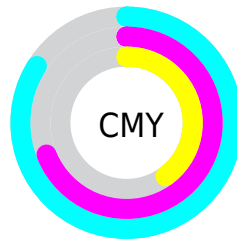
- Red (16%)
- Green (31%)
- Blue (60%)



- Red (16%)
- Yellow (27%)
- Blue (60%)



- Cyan (72%)
- Magenta (47%)
- Yellow (0%)
- Black (40%)



- Cyan (84%)
- Magenta (69%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280963224 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 4280963224 by changing the saturation by 10% instead.

■ 4280963224

■ 4280963224

4294967295

■ 4278204798

■ 4284907983

■ 4278199652

■ 4286749675

■ 4278194252

■ 4288591359

■ 4278191412

■ 4290499071

■ 4278190622

■ 4292406783

■ 4278190081

■ 4294311935

■ 4278190080

■ 4280963224

■ 4280963224

■ 4279977624

■ 4281948824

■ 4278992024

■ 4282934424

■ 4278203800

■ 4283985560

■ 4284971160

■ 4285956760

■ 4286942360

■ 4287927960

■ 4288979096

■ 4289964696

Harmonies

Analogous

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



4278213528



4280963224



4285218949

Triad

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



4280963224



4287183648



4278215231

Complementary

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



4280963224



4288180778

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.



4280704539



4280963224



4285680129

Square

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



4280963224



4287770177



4283586048



4278215525

Rectangle

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



4280963224



4286723441



4283586048



4278214963

Sweetspot

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



4280963224



4288260292



4280981617



4283061091



4293125091



4284703587

Same Dimension

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



4280963224



4279915972



4282067608



4282730317



4278202508



4278191117

Inverse Universe

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



4288162384



4291041877



4287076394



4283254087



4287365168



4279042052

Previews

White Background



This preview shows how the Android color 4280963224 looks on a white background.

Color Contrast Check

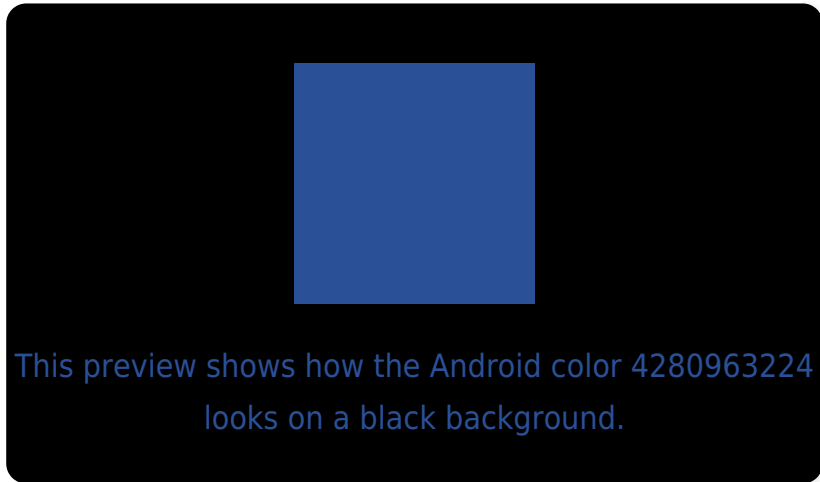
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280963224 Background



This preview shows how black text looks on a background with the Android color 4280963224.



This preview shows how white text looks on a background with the Android color 4280963224.

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

4280963224

Protanopia

4281159832

Deuteranopia

4278211732

Trichromacy



Original Color

4280963224

Protanomaly

4281094296

Deuteranomaly

4279194517

Tritanomaly

4279195510

Monochromacy



Original Color

4280963224

Achromatopsia

4283256141

Achromatomaly

4282404456

CSS Examples

Text

The CSS property to change the color of the text to Android 4280963224 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(42, 80, 152)` looks like.

```
.text, #text, p{  
    color:rgb(42, 80, 152)  
}
```

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(42, 80, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 80, 152) }
```

Border

The CSS property to change the border of an element to Android 4280963224 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(42, 80, 152) }
```

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

```
.border{ border-color:rgb(42, 80, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 80, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 80, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 80, 152);  
box-shadow:4px 4px 4px 4px rgb(42, 80,  
152) }
```

Background

The CSS property to change the background color of an element to Android 4280963224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 80, 152) }
```

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

```
.background{ background-color: rgb(42, 80,  
152) }
```

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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