

Converting Colors

Android(4280951009)

Have a look what the booklet for
Android(4280951009) contains.

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Color

Android(4280951009)

Conversions

Conversions Part 1

Format	Color
Hex	2A20E1
RGB	42, 32, 225
RGB Percent	16%, 13%, 88%
CMY	0.8353, 0.8745, 0.1176
CMYK	0.81, 0.86, 0.00, 0.12
HSL	243°, 76%, 50%
HSV	243°, 86%, 88%
XYZ	15.0620, 6.9615, 71.7840
YIQ	56.9920, -55.9930, 62.1430

Conversions

Conversions Part 2

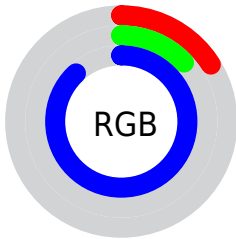
Format	Color
R _Y B	42, 32, 225
Decimal	2760929
CIE Lab	31.72, 64.89, -91.79
CIE LCh	32, 112.412, 305.256
Yxy	6.9615, 0.1606, 0.0742
Android (android.graphics.Color)	4280951009 (0xFF2A20E1)
YUV	56.9920, 82.8279, -13.1480
Hunter-Lab	26.3847, 55.7254, -142.8393

Details

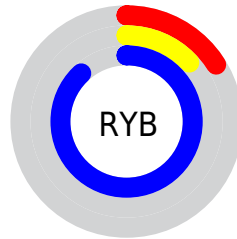
The Android color `4280951009` is a dark color, and the websafe version is hex `3300CC`. The color can be described as dark washed blue. A complement of this color would be `4292337952`, and the grayscale version is `4281874488`.

A 20% lighter version of the original color is `4286273023`, and `4278190248` is the 20% darker color. If you saturate the color by 10%, you get `4279569121`, and if you desaturate by 10%, it is `4282333153`.

Distribution



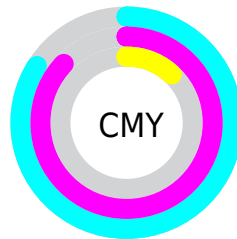
- Red (16%)
- Green (13%)
- Blue (88%)



- Red (16%)
- Yellow (13%)
- Blue (88%)



- Cyan (81%)
- Magenta (86%)
- Yellow (0%)
- Black (12%)



- Cyan (84%)
- Magenta (87%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280951009 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 4280951009 by changing the saturation by 10% instead.

 4280951009

 4280951009

4294967295

 4278190276

 4286273023

 4278190248

 4288442367

 4278190220

 4290546175

 4278190194

 4292650495

 4278193240

 4294754815

 4278191936

 4294958591

 4278190889

 4294966015

 4278190355

 4278190080

■ 4280951009

■ 4280951009

■ 4279569121

■ 4282333153

■ 4278976737

■ 4283780577

■ 4285162721

■ 4286544609

■ 4287992289

■ 4289374177

■ 4290756321

■ 4292203745

■ 4293585889

Harmonies

Analogous

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



4278212863



4280951009



4290052247

Triad

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



4280951009



4287831040



4278216025

Complementary

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



4280951009



4292337952

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.



4278215168



4280951009



4283321856

Square

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



4280951009



4290904064



4278213888



4278216882

Rectangle

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



4280951009



4291821661



4278213888



4278215738

Sweetspot

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



4280951009



4290821631



4280342497



4284110976



4278190080



4286611584

Same Dimension

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



4280951009



4279042303



4287242465



4284900720



4278780080



4278386736

Inverse Universe

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



4292944087



4294902002



4286046496



4285556080



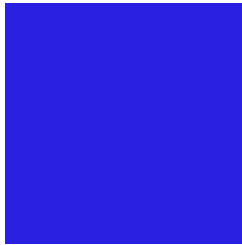
4289724583



4281335854

Previews

White Background



This preview shows how the Android color 4280951009 looks on a white background.

Color Contrast Check

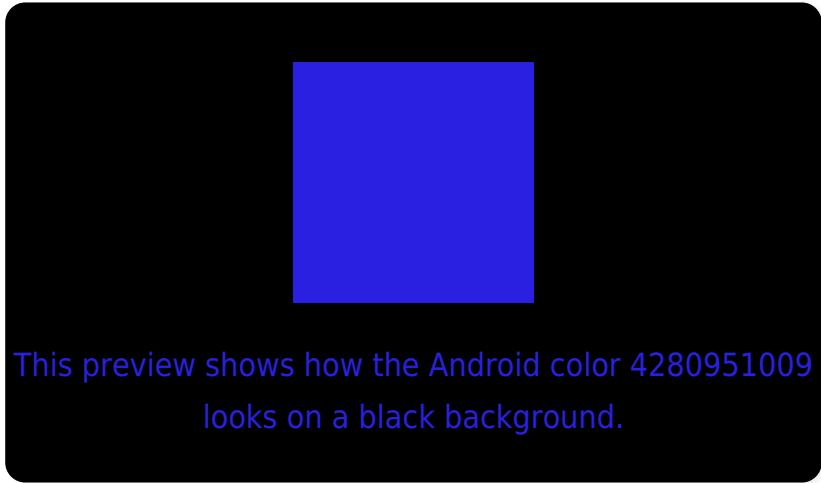
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280951009 Background



This preview shows how black text looks on a background with the Android color 4280951009.



This preview shows how white text looks on a background with the Android color 4280951009.

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
4280951009

Protanopia
4278208662

Deuteranopia
4278209920

Trichromacy



Original Color
4280951009

Protanomaly
4279187889

Deuteranomaly
4279188899

Tritanomaly
4279189641

Monochromacy



Original Color
4280951009

Achromatopsia
4281940281

Achromatomaly
4281610358

CSS Examples

Text

The CSS property to change the color of the text to Android 4280951009 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, 32, 225)` looks like.

```
.text, #text, p{  
    color:rgb(42, 32, 225)  
}
```

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, 32, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 32, 225) }
```

Border

The CSS property to change the border of an element to Android 4280951009 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, 32, 225) }
```

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

```
.border{ border-color:rgb(42, 32, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 32, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 32, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 32, 225);  
box-shadow:4px 4px 4px 4px rgb(42, 32,  
225) }
```

Background

The CSS property to change the background color of an element to Android 4280951009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 32, 225) }
```

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

```
.background{ background-color: rgb(42, 32,  
225) }
```

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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