

Converting Colors

Android(4280368044)

Have a look what the booklet for
Android(4280368044) contains.

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Color

Android(4280368044)

Conversions

Conversions Part 1

Format	Color
Hex	213BAC
RGB	33, 59, 172
RGB Percent	13%, 23%, 67%
CMY	0.8706, 0.7686, 0.3255
CMYK	0.81, 0.66, 0.00, 0.33
HSL	229°, 68%, 40%
HSV	229°, 81%, 67%
XYZ	9.6376, 6.4298, 39.7628
YIQ	64.1080, -51.7690, 29.6310

Conversions

Conversions Part 2

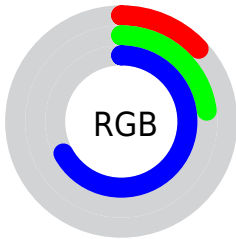
Format	Color
R _Y B	33, 55, 172
Decimal	2177964
CIE Lab	30.47, 32.85, -62.83
CIE LCh	30, 70.899, 297.598
Yxy	6.4298, 0.1726, 0.1152
Android (android.graphics.Color)	4280368044 (0xFF213BAC)
YUV	64.1080, 53.1908, -27.2817
Hunter-Lab	25.3571, 23.4682, -75.2236




Details

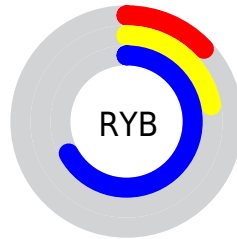
The Android color `4280368044` is a dark color, and the websafe version is hex `003399`. A complement of this color would be `4289499681`, and the grayscale version is `4282400832`.




A 20% lighter version of the original color is `4284967652`, and `4278194806` is the 20% darker color. If you saturate the color by 10%, you get `4279250348`, and if you desaturate by 10%, it is `4281485740`.

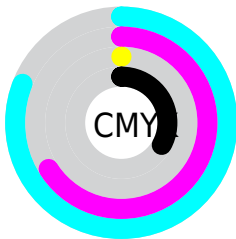
Distribution







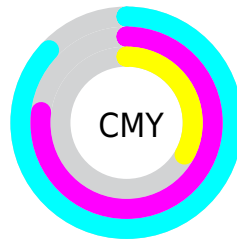
-  Red (13%)
-  Green (23%)
-  Blue (67%)






-  Red (13%)
-  Yellow (22%)
-  Blue (67%)



-  Cyan (81%)
-  Magenta (66%)
-  Yellow (0%)
-  Black (33%)



-  Cyan (87%)
-  Magenta (77%)
-  Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280368044 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 4280368044 by changing the saturation by 10% instead.



4280368044



4280368044

4294967295



4278199953



4284967652



4278194806



4286874623



4278190173



4288847359



4278192196



4290820351



4278190893



4292728063



4278190359



4294766847



4278190080



4280368044



4280368044



4279250348



4281485740

■ 4278198444

■ 4282603436

■ 4283786668

■ 4284904364

■ 4286022060

■ 4287139756

■ 4288257452

■ 4289440684

■ 4290558380

Harmonies

Analogous

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



4278211257



4280368044



4286710148

Triad

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



4280368044



4286916608



4278213698

Complementary

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



4280368044



4289499681

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.



4278212864



4280368044



4284237056

Square

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



4280368044



4288544793



4280505088



4278214010

Rectangle

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



4280368044



4288282721



4280505088



4278213422

Sweetspot

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



4280368044



4289443296



4280396944



4283455088



4293980400



4285558896

Same Dimension

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



4280368044



4278661088



4283113900



4283322455



4278197398



4278191127

Inverse Universe

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



4289470779



4292871983



4286753825



4283911760



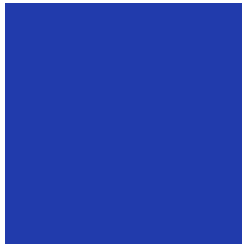
4288020508



4279697412

Previews

White Background



This preview shows how the Android color 4280368044 looks on a white background.

Color Contrast Check

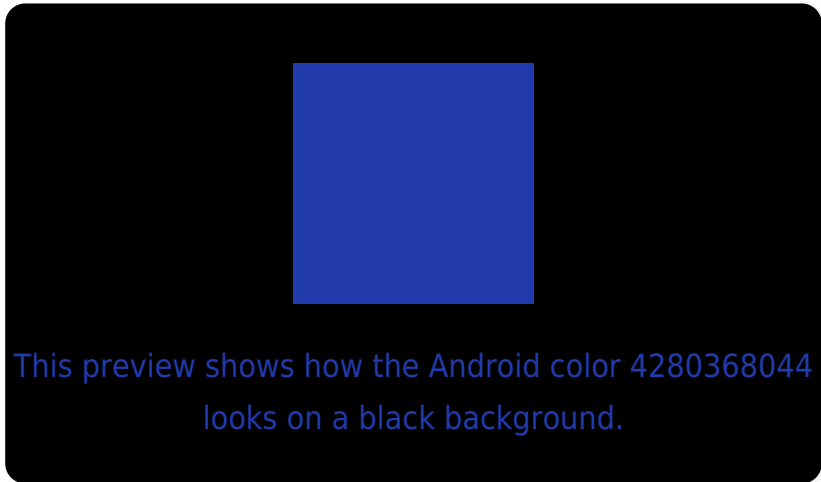
Large Text (above 18pt) WCAG AA ✓ Pass

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

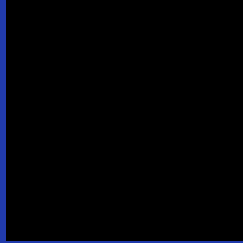
Any Text WCAG AA × Fail

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 4280368044 Background



This preview shows how black text looks on a background with the Android color 4280368044.



This preview shows how white text looks on a background with the Android color 4280368044.

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

4280368044

Protanopia

4278207890

Deuteranopia

4278209149

Trichromacy



Original Color
4280368044

Protanomaly
4278993307

Deuteranomaly
4278994318

Tritanomaly
4278995060

Monochromacy



Original Color
4280368044

Achromatopsia
4282400832

Achromatomaly
4281679463

CSS Examples

Text

The CSS property to change the color of the text to Android 4280368044 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(33, 59, 172)` looks like.

```
.text, #text, p{  
    color:rgb(33, 59, 172)  
}
```

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(33, 59, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 59, 172) }
```

Border

The CSS property to change the border of an element to Android 4280368044 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(33, 59, 172) }
```

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

```
.border{ border-color:rgb(33, 59, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 59, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 59, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 59, 172);  
box-shadow:4px 4px 4px 4px rgb(33, 59,  
172) }
```

Background

The CSS property to change the background color of an element to Android 4280368044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 59, 172) }
```

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

```
.background{ background-color: rgb(33, 59,  
172) }
```

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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