

Converting Colors

Android(4280828304)

Have a look what the booklet for
Android(4280828304) contains.

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Color

Android(4280828304)

Conversions

Conversions Part 1

Format	Color
Hex	284190
RGB	40, 65, 144
RGB Percent	16%, 25%, 56%
CMY	0.8431, 0.7451, 0.4353
CMYK	0.72, 0.55, 0.00, 0.44
HSL	226°, 57%, 36%
HSV	226°, 72%, 56%
XYZ	7.7994, 6.2453, 27.1800
YIQ	66.5310, -40.2590, 19.2690

Conversions

Conversions Part 2

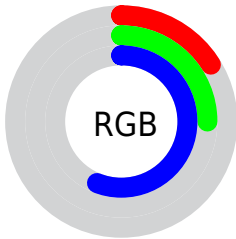
Format	Color
R_{YB}	40, 60, 144
Decimal	2638224
CIE _{Lab}	30.02, 18.90, -46.58
CIE _{LCh}	30, 50.267, 292.086
Yxy	6.2453, 0.1892, 0.1515
Android (android.graphics.Color)	4280828304 (0xFF284190)
YUV	66.5310, 38.1922, -23.2677
Hunter-Lab	24.9907, 11.9750, -46.9906

Details

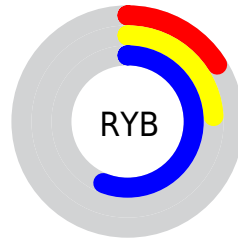
The Android color **4280828304** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **4287657768**, and the grayscale version is **4282532418**.

A 20% lighter version of the original color is **4284707015**, and **4278196317** is the 20% darker color. If you saturate the color by 10%, you get **4279907984**, and if you desaturate by 10%, it is **4281748624**.

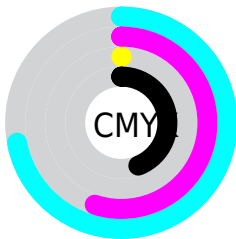
Distribution



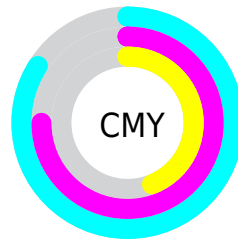
- Red (16%)
- Green (25%)
- Blue (56%)



- Red (16%)
- Yellow (24%)
- Blue (56%)



- Cyan (72%)
- Magenta (55%)
- Yellow (0%)
- Black (44%)



- Cyan (84%)
- Magenta (75%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280828304 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 4280828304 by changing the saturation by 10% instead.

■ 4280828304

■ 4280828304

4294967295

■ 4278201206

■ 4284707015

■ 4278196317

■ 4286548707

■ 4278190149

■ 4288390399

■ 4278190893

■ 4290297855

■ 4278190360

■ 4292205567

■ 4278190080

■ 4294113279

■ 4280828304

■ 4280828304

■ 4279907984

■ 4281748624

■ 4278922128

■ 4282734480

■ 4278199184

■ 4283654800

■ 4284640656

■ 4285560976

■ 4286481296

■ 4287467152

■ 4288387472

■ 4289373072

Harmonies

Analogous

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



4278210453



4280828304



4285148279

Triad

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



4280828304



4286263044



4278212411

Complementary

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



4280828304



4287657768

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.



4278211600



4280828304



4284498176

Square

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



4280828304



4287175212



4282141952



4278212707

Rectangle

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



4280828304



4286520672



4282141952



4278212141

Sweetspot

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



4280828304



4287732666



4280848502



4282797150



4292796126



4284374622

Same Dimension

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



4280828304



4279779258



4282525840



4282401351



4278198407



4278190600

Inverse Universe

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



4287637569



4290385983



4285960232



4282859586



4287037472



4278714370

Previews

White Background



This preview shows how the Android color 4280828304 looks on a white background.

Color Contrast Check

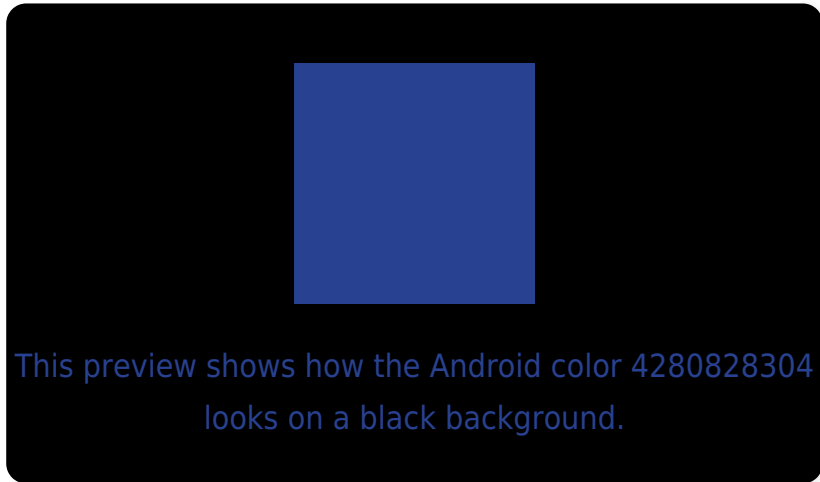
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280828304 Background



This preview shows how black text looks on a background with the Android color 4280828304.



This preview shows how white text looks on a background with the Android color 4280828304.

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

4280828304

Protanopia

4278207633

Deuteranopia

4278208637

Trichromacy



Original Color

4280828304

Protanomaly

4279190417

Deuteranomaly

4279190916

Tritanomaly

4279191914

Monochromacy



Original Color

4280828304

Achromatopsia

4282598211

Achromatomaly

4281942623

CSS Examples

Text

The CSS property to change the color of the text to Android 4280828304 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, 65, 144)` looks like.

```
.text, #text, p{  
    color:rgb(40, 65, 144)  
}
```

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, 65, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 65, 144) }
```

Border

The CSS property to change the border of an element to Android 4280828304 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, 65, 144) }
```

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

```
.border{ border-color:rgb(40, 65, 144) }
```

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

Here you see how a box with a 4 pixel rgb(40, 65, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 65, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 65, 144);  
box-shadow:4px 4px 4px 4px rgb(40, 65,  
144) }
```

Background

The CSS property to change the background color of an element to Android 4280828304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 65, 144) }
```

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

```
.background{ background-color: rgb(40, 65,  
144) }
```

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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