

Converting Colors

Android(4280569230)

Have a look what the booklet for
Android(4280569230) contains.

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Color

Android(4280569230)

Conversions

Conversions Part 1

Format	Color
Hex	244D8E
RGB	36, 77, 142
RGB Percent	14%, 30%, 56%
CMY	0.8588, 0.6980, 0.4431
CMYK	0.75, 0.46, 0.00, 0.44
HSL	217°, 60%, 35%
HSV	217°, 75%, 56%
XYZ	8.2639, 7.6358, 26.6295
YIQ	72.1510, -45.3010, 11.5230

Conversions

Conversions Part 2

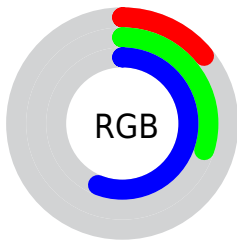
Format	Color
R_{YB}	36, 66, 142
Decimal	2379150
CIE Lab	33.21, 9.38, -40.22
CIE LCh	33, 41.304, 283.130
Yxy	7.6358, 0.1943, 0.1795
Android (android.graphics.Color)	4280569230 (0xFF244D8E)
YUV	72.1510, 34.4356, -31.7044
Hunter-Lab	27.6330, 5.0245, -37.7938

Details

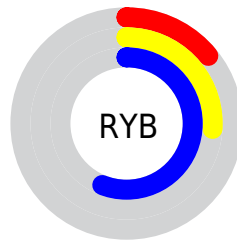
The Android color `4280569230` is a dark color, and the websafe version is hex `003366`. A complement of this color would be `4287522084`, and the grayscale version is `4282927176`.

A 20% lighter version of the original color is `4284513732`, and `4278198875` is the 20% darker color. If you saturate the color by 10%, you get `4279649422`, and if you desaturate by 10%, it is `4281489038`.

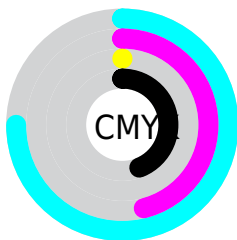
Distribution



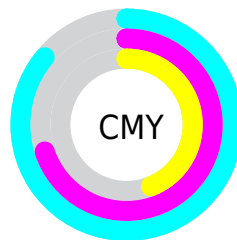
- Red (14%)
- Green (30%)
- Blue (56%)



- Red (14%)
- Yellow (26%)
- Blue (56%)



- Cyan (75%)
- Magenta (46%)
- Yellow (0%)
- Black (44%)



- Cyan (86%)
- Magenta (70%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280569230 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 4280569230 by changing the saturation by 10% instead.

■ 4280569230

■ 4280569230

4294967295

■ 4278204276

■ 4284513732

■ 4278198875

■ 4286289888

■ 4278192963

■ 4288131837

■ 4278190892

■ 4290039295

■ 4278190359

■ 4291947007

■ 4278190080

■ 4293853183

■ 4280569230

■ 4280569230

■ 4279649422

■ 4281489038

■ 4278729870

■ 4282408590

■ 4278204302

■ 4283393934

■ 4284313742

■ 4285233550

■ 4286153102

■ 4287072910

■ 4288058254

■ 4288977806

Harmonies

Analogous

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



4278212493



4280569230



4284628862

Triad

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



4280569230



4286658595



4278213690

Complementary

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



4280569230



4287522084

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.



4281096218



4280569230



4285351433

Square

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



4280569230



4287180353



4283519234



4278213980

Rectangle

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



4280569230



4286068076



4283519234



4278213423

Sweetspot

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



4280569230



4287602616



4280585828



4282666332



4292598747



4284243036

Same Dimension

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



4280569230



4279390904



4281279630



4282401607



4278203527



4278190856

Inverse Universe

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



4287505485



4290253394



4286811684



4282859587



4287037492



4278714371

Previews

White Background



This preview shows how the Android color 4280569230 looks on a white background.

Color Contrast Check

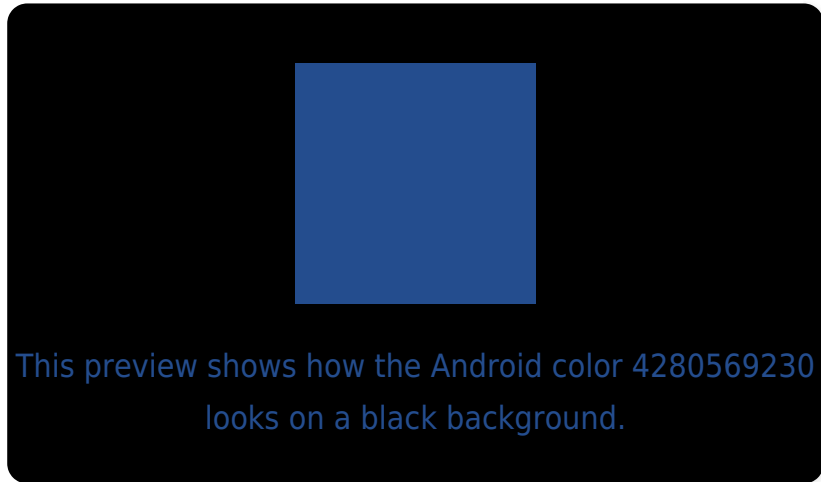
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280569230 Background



This preview shows how black text looks on a background with the Android color 4280569230.



This preview shows how white text looks on a background with the Android color 4280569230.

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

4280569230

Protanopia

4281224333

Deuteranopia

4278210445

Trichromacy



Original Color

4280569230

Protanomaly

4280962189

Deuteranomaly

4279062157

Tritanomaly

4279063407

Monochromacy



Original Color

4280569230

Achromatopsia

4282927176

Achromatomaly

4282075745

CSS Examples

Text

The CSS property to change the color of the text to Android 4280569230 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(36, 77, 142)` looks like.

```
.text, #text, p{  
    color:rgb(36, 77, 142)  
}
```

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(36, 77, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 77, 142) }
```

Border

The CSS property to change the border of an element to Android 4280569230 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(36, 77, 142) }
```

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

```
.border{ border-color:rgb(36, 77, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 77, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 77, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 77, 142);  
box-shadow:4px 4px 4px 4px rgb(36, 77,  
142) }
```

Background

The CSS property to change the background color of an element to Android 4280569230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 77, 142) }
```

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

```
.background{ background-color: rgb(36, 77,  
142) }
```

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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