

Converting Colors

Android(4280568555)

Have a look what the booklet for
Android(4280568555) contains.

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Color

Android(4280568555)

Conversions

Conversions Part 1

Format	Color
Hex	244AEB
RGB	36, 74, 235
RGB Percent	14%, 29%, 92%
CMY	0.8588, 0.7098, 0.0784
CMYK	0.85, 0.69, 0.00, 0.08
HSL	229°, 83%, 53%
HSV	229°, 85%, 92%
XYZ	18.1717, 11.2708, 79.8150
YIQ	80.9920, -74.3290, 42.0150

Conversions

Conversions Part 2

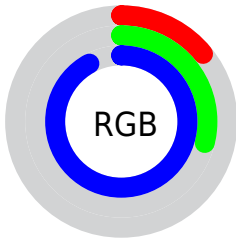
Format	Color
R _Y B	36, 68, 235
Decimal	2378475
CIE Lab	40.03, 46.52, -83.72
CIE LCh	40, 95.780, 299.059
Yxy	11.2708, 0.1663, 0.1032
Android (android.graphics.Color)	4280568555 (0xFF244AEB)
YUV	80.9920, 75.9259, -39.4580
Hunter-Lab	33.5720, 37.8669, -117.4573

Details

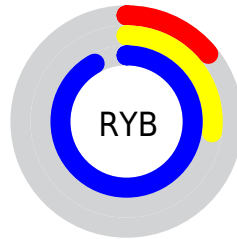
The Android color `4280568555` is a dark color, and the websafe version is hex `0033CC`. The color can be described as dark washed blue. A complement of this color would be `4293641508`, and the grayscale version is `4283453520`.

A 20% lighter version of the original color is `4286020607`, and `4278197938` is the 20% darker color. If you saturate the color by 10%, you get `4279056363`, and if you desaturate by 10%, it is `4282146283`.

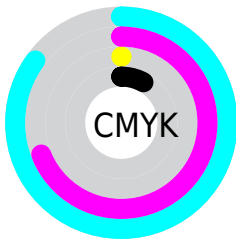
Distribution



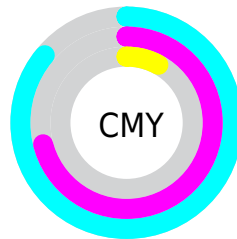
- Red (14%)
- Green (29%)
- Blue (92%)



- Red (14%)
- Yellow (27%)
- Blue (92%)



- Cyan (85%)
- Magenta (69%)
- Yellow (0%)
- Black (8%)



- Cyan (86%)
- Magenta (71%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280568555 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 4280568555 by changing the saturation by 10% instead.

 4280568555

 4280568555

4294967295

 4278203342

 4286020607

 4278197938

 4288189951

 4278193302

 4290294015

 4278190203

 4292398079

 4278193505

 4294502399

 4278192200

 4278191153

 4278190363

 4278190080

■ 4280568555

■ 4280568555

■ 4279056363

■ 4282146283

■ 4278201835

■ 4283658475

■ 4285236203

■ 4286748395

■ 4288326123

■ 4289838315

■ 4291416043

■ 4292928235

■ 4294505963

Harmonies

Analogous

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



4278217983



4280568555



4289921201

Triad

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



4280568555



4289736960



4278221402

Complementary

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



4280568555



4293641508

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.



4278220288



4280568555



4285946624

Square

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



4280568555



4292149273



4279856640



4278221738

Rectangle

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



4280568555



4292083839



4279856640



4278221118

Sweetspot

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



4280568555



4290759679



4280609731



4284047744



4278190080



4286611584

Same Dimension

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



4280568555



4278202879



4284490987



4285164661



4278199221



4278192694

Inverse Universe

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



4293600330



4294901809



4289719076



4285885036



4290052131



4281729034

Previews

White Background



This preview shows how the Android color 4280568555 looks on a white background.

Color Contrast Check

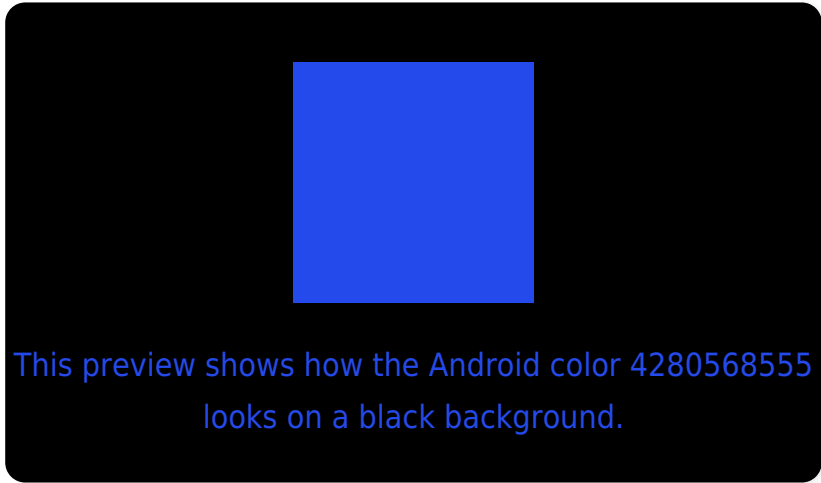
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

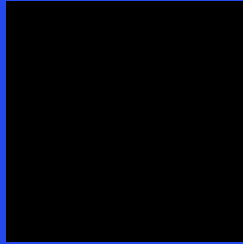
Any Text WCAG AA × Fail

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 4280568555 Background



This preview shows how black text looks on a background with the Android color 4280568555.



This preview shows how white text looks on a background with the Android color 4280568555.

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
4280568555

Protanopia
4278213310

Deuteranopia
4278214818

Trichromacy



Original Color
4280568555

Protanomaly
4279063758

Deuteranomaly
4279064765

Tritanomaly
4279066011

Monochromacy



Original Color
4280568555

Achromatopsia
4283519313

Achromatomaly
4282470025

CSS Examples

Text

The CSS property to change the color of the text to Android 4280568555 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, 74, 235)` looks like.

```
.text, #text, p{  
    color:rgb(36, 74, 235)  
}
```

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, 74, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 74, 235) }
```

Border

The CSS property to change the border of an element to Android 4280568555 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, 74, 235) }
```

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

```
.border{ border-color:rgb(36, 74, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 74, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 74, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 74, 235);  
box-shadow:4px 4px 4px 4px rgb(36, 74,  
235) }
```

Background

The CSS property to change the background color of an element to Android 4280568555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 74, 235) }
```

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

```
.background{ background-color: rgb(36, 74,  
235) }
```

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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