

Converting Colors

Android(4280899756)

Have a look what the booklet for
Android(4280899756) contains.

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Color

Android(4280899756)

Conversions

Conversions Part 1

Format	Color
Hex	2958AC
RGB	41, 88, 172
RGB Percent	16%, 35%, 67%
CMY	0.8392, 0.6549, 0.3255
CMYK	0.76, 0.49, 0.00, 0.33
HSL	218°, 62%, 42%
HSV	218°, 76%, 67%
XYZ	11.8506, 10.4294, 40.4182
YIQ	83.5230, -54.9760, 16.1600

Conversions

Conversions Part 2

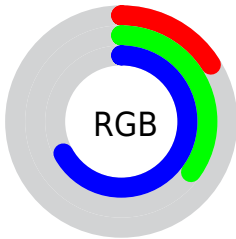
Format	Color
R_{YB}	41, 76, 172
Decimal	2709676
CIE _{Lab}	38.60, 14.43, -49.60
CIE _{LCh}	39, 51.652, 286.225
Yxy	10.4294, 0.1890, 0.1663
Android (android.graphics.Color)	4280899756 (0xFF2958AC)
YUV	83.5230, 43.6192, -37.2927
Hunter-Lab	32.2946, 8.9853, -51.5980




Details

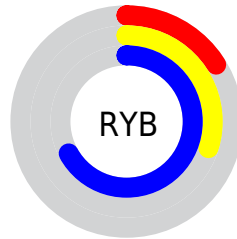
The Android color `4280899756` is a dark color, and the websafe version is hex `3366CC`. A complement of this color would be `4289494313`, and the grayscale version is `4283650899`.



A 20% lighter version of the original color is `4285106660`, and `4278201463` is the 20% darker color. If you saturate the color by 10%, you get `4279782828`, and if you desaturate by 10%, it is `4282016684`.

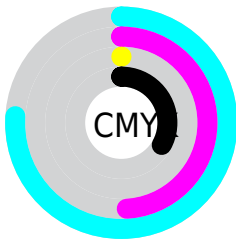
Distribution







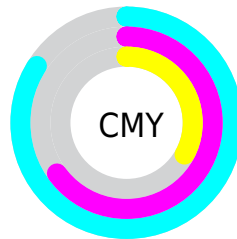
-  Red (16%)
-  Green (35%)
-  Blue (67%)






-  Red (16%)
-  Yellow (30%)
-  Blue (67%)



-  Cyan (76%)
-  Magenta (49%)
-  Yellow (0%)
-  Black (33%)



-  Cyan (84%)
-  Magenta (65%)
-  Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280899756 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 4280899756 by changing the saturation by 10% instead.

■ 4280899756

■ 4280899756

4294967295

■ 4278206865

■ 4285106660

■ 4278201463

■ 4287013887

■ 4278196318

■ 4288921343

■ 4278190405

■ 4290829055

■ 4278191150

■ 4292802559

■ 4278190360

4294770687

■ 4278190080

■ 4280899756

■ 4280899756

■ 4279782828

■ 4282016684

■ 4278665900

■ 4283133612

■ 4278206124

■ 4284316076

■ 4285433004

■ 4286549932

■ 4287666860

■ 4288783788

■ 4289966252

■ 4291083180

Harmonies

Analogous

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



4278216109



4280899756



4286137749

Triad

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



4280899756



4288233247



4278218053

Complementary

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



4280899756



4289494313

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.



4280576027



4280899756



4286468608

Square

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



4280899756



4289015622



4284047360



4278218353

Rectangle

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



4280899756



4287838078



4284047360



4278217783

Sweetspot

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



4280899756



4289576928



4280921212



4283522160



4293980400



4285558896

Same Dimension

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



4280899756



4279524832



4282001836



4283322711



4278204054



4278192151

Inverse Universe

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



4289472856



4292875357



4288392233



4283911761



4288020534



4279697416

Previews

White Background



This preview shows how the Android color 4280899756 looks on a white background.

Color Contrast Check

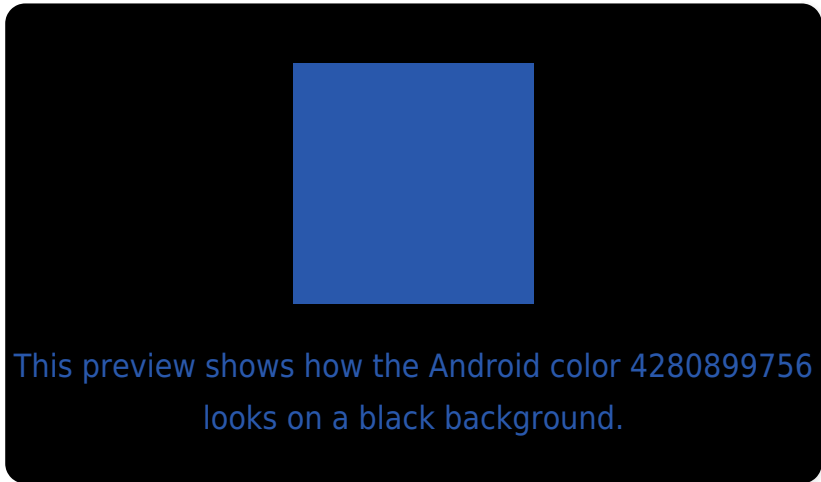
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280899756 Background



This preview shows how black text looks on a background with the Android color 4280899756.



This preview shows how white text looks on a background with the Android color 4280899756.

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

4280899756

Protanopia

4281096364

Deuteranopia

4278213794

Trichromacy



Original Color

4280899756

Protanomaly

4281030828

Deuteranomaly

4279196582

Tritanomaly

4279197827

Monochromacy



Original Color

4280899756

Achromatopsia

4283716692

Achromatomaly

4282668404

CSS Examples

Text

The CSS property to change the color of the text to Android 4280899756 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(41, 88, 172)` looks like.

```
.text, #text, p{  
    color:rgb(41, 88, 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(41, 88, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 88, 172) }
```

Border

The CSS property to change the border of an element to Android 4280899756 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(41, 88, 172) }
```

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

```
.border{ border-color:rgb(41, 88, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 88, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 88, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 88, 172);  
box-shadow:4px 4px 4px 4px rgb(41, 88,  
172) }
```

Background

The CSS property to change the background color of an element to Android 4280899756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 88, 172) }
```

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

```
.background{ background-color: rgb(41, 88,  
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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