

Converting Colors

Android(4283455935)

Have a look what the booklet for
Android(4283455935) contains.

Android(4283455935)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4283455935)

Conversions

Conversions Part 1

Format	Color
Hex	5059BF
RGB	80, 89, 191
RGB Percent	31%, 35%, 75%
CMY	0.6863, 0.6510, 0.2510
CMYK	0.58, 0.53, 0.00, 0.25
HSL	235°, 46%, 53%
HSV	235°, 58%, 75%
XYZ	16.2846, 12.6118, 50.8662
YIQ	97.9370, -38.1060, 29.8140

Conversions

Conversions Part 2

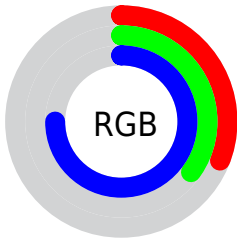
Format	Color
R_{YB}	80, 88, 191
Decimal	5265855
CIE _{Lab}	42.17, 26.96, -54.89
CIE _{LCh}	42, 61.153, 296.160
Yxy	12.6118, 0.2042, 0.1581
Android (android.graphics.Color)	4283455935 (0xFF5059BF)
YUV	97.9370, 45.8801, -15.7307
Hunter-Lab	35.5131, 19.7036, -60.0632

Details

The Android color `4283455935` is a dark color, and the websafe version is hex `6666CC`. A complement of this color would be `4290754128`, and the grayscale version is `4284637794`.

A 20% lighter version of the original color is `4287269880`, and `4278201481` is the 20% darker color. If you saturate the color by 10%, you get `4282206143`, and if you desaturate by 10%, it is `4284705727`.

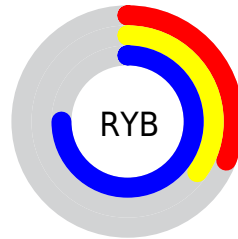
Distribution



Red (31%)

Green (35%)

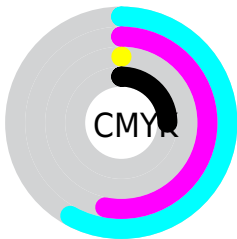
Blue (75%)



Red (31%)

Yellow (35%)

Blue (75%)

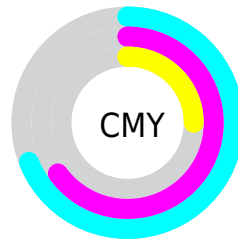


Cyan (58%)

Magenta (53%)

Yellow (0%)

Black (25%)



Cyan (69%)

Magenta (65%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283455935 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 4283455935 by changing the saturation by 10% instead.



4283455935



4283455935

4294967295



4281352867



4287269880



4278201481



4289177087



4278196335



4291084543



4278190166



4292992255



4278191677



4294965759



4278190887



4278190352



4278190080



4283455935



4283455935

■ 4282206143

■ 4284705727

■ 4280956607

■ 4285955263

■ 4279706815

■ 4287205055

■ 4278457279

■ 4288454591

■ 4278194111

■ 4289769919

■ 4291019455

■ 4292269247

■ 4293518783

■ 4294768575

Harmonies

Analogous

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



4278217929



4283455935



4288233116

Triad

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



4283455935



4288891141



4278221147

Complementary

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



4283455935



4290754128

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.



4278220070



4283455935



4286471936

Square

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



4283455935



4290326331



4283330048



4278221199

Rectangle

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



4283455935



4289801341



4283330048



4278220874

Sweetspot

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



4283455935



4291678711



4283482038



4284769917



4294769916



4286414205

Same Dimension

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



4283455935



4283062519



4286468287



4283782750



4278193566



4278190623

Inverse Universe

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



4290728025



4294396504



4287741776



4284372310



4288544781



4280221698

Previews

White Background



This preview shows how the Android color 4283455935 looks on a white background.

Color Contrast Check

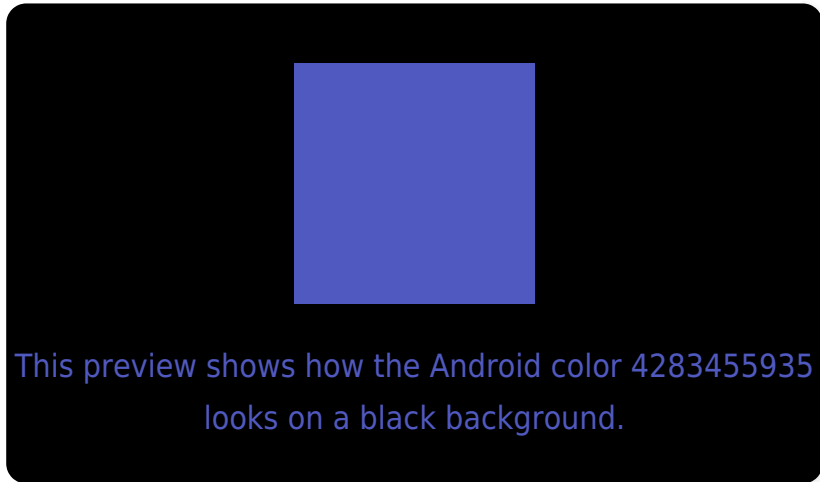
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283455935 Background



This preview shows how black text looks on a background with the Android color 4283455935.



This preview shows how white text looks on a background with the Android color 4283455935.

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



Trichromacy



Original Color
4283455935

Protanomaly
4281359811

Deuteranomaly
4280115638

Tritanomaly
4282148239

Monochromacy



Original Color
4283455935

Achromatopsia
4284637794

Achromatomaly
4284178308

CSS Examples

Text

The CSS property to change the color of the text to Android 4283455935 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(80, 89, 191)` looks like.

```
.text, #text, p{  
    color:rgb(80, 89, 191)  
}
```

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(80, 89, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 89, 191) }
```

Border

The CSS property to change the border of an element to Android 4283455935 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(80, 89, 191) }
```

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

```
.border{ border-color:rgb(80, 89, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 89, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 89, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 89, 191);  
box-shadow:4px 4px 4px 4px rgb(80, 89,  
191) }
```

Background

The CSS property to change the background color of an element to Android 4283455935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 89, 191) }
```

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

```
.background{ background-color: rgb(80, 89,  
191) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor