

Converting Colors

Android(4280695753)

Have a look what the booklet for
Android(4280695753) contains.

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Color

Android(4280695753)

Conversions

Conversions Part 1

Format	Color
Hex	263BC9
RGB	38, 59, 201
RGB Percent	15%, 23%, 79%
CMY	0.8510, 0.7686, 0.2118
CMYK	0.81, 0.71, 0.00, 0.21
HSL	232°, 68%, 47%
HSV	232°, 81%, 79%
XYZ	12.9059, 7.7570, 56.0754
YIQ	68.9090, -58.0980, 39.7100

Conversions

Conversions Part 2

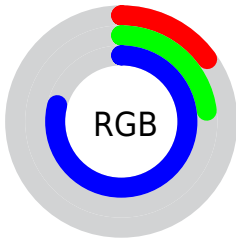
Format	Color
R_{YB}	38, 57, 201
Decimal	2505673
CIE _{Lab}	33.47, 43.75, -75.02
CIE _{LCh}	33, 86.843, 300.252
Yxy	7.7570, 0.1682, 0.1011
Android (android.graphics.Color)	4280695753 (0xFF263BC9)
YUV	68.9090, 65.1209, -27.1072
Hunter-Lab	27.8515, 33.9739, -99.8768




Details

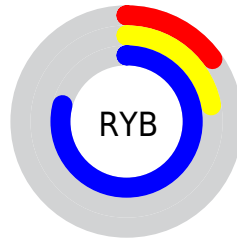
The Android color `4280695753` is a dark color, and the websafe version is hex `3333CC`. The color can be described as dark muted blue. A complement of this color would be `4291408934`, and the grayscale version is `4282664004`.




A 20% lighter version of the original color is `4285623295`, and `4278194322` is the 20% darker color. If you saturate the color by 10%, you get `4279380425`, and if you desaturate by 10%, it is `4282011081`.

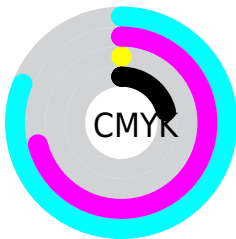
Distribution







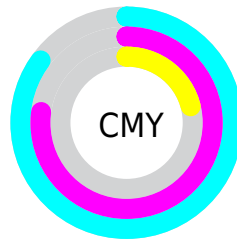
-  Red (15%)
-  Green (23%)
-  Blue (79%)






-  Red (15%)
-  Yellow (22%)
-  Blue (79%)



-  Cyan (81%)
-  Magenta (71%)
-  Yellow (0%)
-  Black (21%)



-  Cyan (85%)
-  Magenta (77%)
-  Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280695753 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 4280695753 by changing the saturation by 10% instead.

 4280695753

 4280695753

4294967295

 4278199725

 4285623295

 4278194322

 4287661311

 4278190199

 4289699839

 4278190685

 4291672831

 4278192196

 4293711615

 4278190893

 4294963967

 4278190360

 4278190080

 4280695753

 4280695753

■ 4279380425

■ 4282011081

■ 4278196937

■ 4283326153

■ 4284641481

■ 4285956553

■ 4287337417

■ 4288652489

■ 4289967817

■ 4291282889

■ 4292598217

Harmonies

Analogous

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



4278213341



4280695753



4288348309

Triad

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



4280695753



4287899648



4278216270

Complementary

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



4280695753



4291408934

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.



4278215680



4280695753



4284566784

Square

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



4280695753



4290117647



4278344960



4278216852

Rectangle

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



4280695753



4290117736



4278344960



4278216245

Sweetspot

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



4280695753



4290956031



4280732083



4284178304



4278190080



4286611584

Same Dimension

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



4280695753



4278724863



4284622537



4284111715



4278195619



4278191396

Inverse Universe

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



4291372603



4294903848



4287482150



4284701275



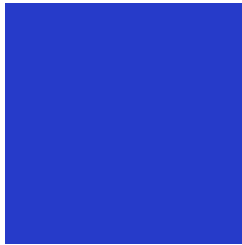
4288872469



4280549381

Previews

White Background



This preview shows how the Android color 4280695753 looks on a white background.

Color Contrast Check

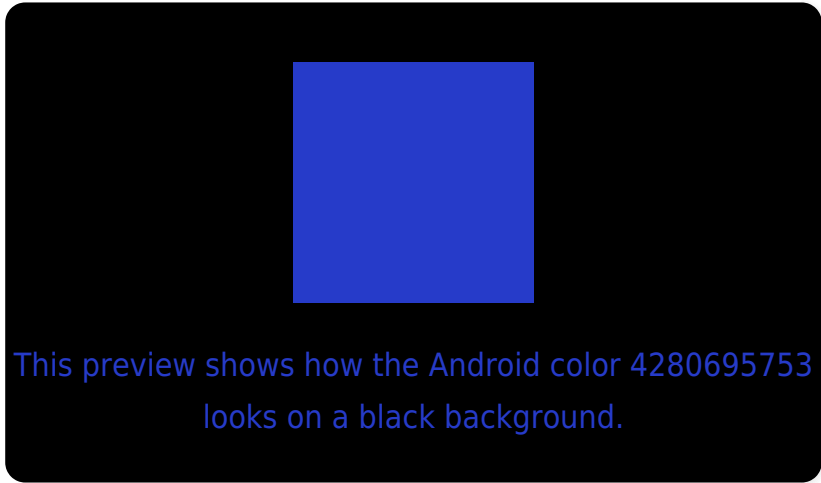
Large Text (above 18pt) WCAG AA ✓ Pass

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

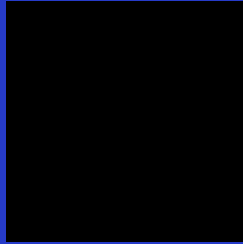
Any Text WCAG AA × Fail

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 4280695753 Background



This preview shows how black text looks on a background with the Android color 4280695753.



This preview shows how white text looks on a background with the Android color 4280695753.

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

4280695753

Protanopia

4278209695

Deuteranopia

4278210952

Trichromacy



Original Color
4280695753

Protanomaly
4279125678

Deuteranomaly
4279126432

Tritanomaly
4279127428

Monochromacy



Original Color
4280695753

Achromatopsia
4282729797

Achromatomaly
4282007925

CSS Examples

Text

The CSS property to change the color of the text to Android 4280695753 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(38, 59, 201)` looks like.

```
.text, #text, p{  
    color:rgb(38, 59, 201)  
}
```

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(38, 59, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 59, 201) }
```

Border

The CSS property to change the border of an element to Android 4280695753 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(38, 59, 201) }
```

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

```
.border{ border-color:rgb(38, 59, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 59, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 59, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 59, 201);  
box-shadow:4px 4px 4px 4px rgb(38, 59,  
201) }
```

Background

The CSS property to change the background color of an element to Android 4280695753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 59, 201) }
```

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

```
.background{ background-color: rgb(38, 59,  
201) }
```

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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