

Converting Colors

Android(4280435638)

Have a look what the booklet for
Android(4280435638) contains.

Android(4280435638)	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(4280435638)

Conversions

Conversions Part 1

Format	Color
Hex	2243B6
RGB	34, 67, 182
RGB Percent	13%, 26%, 71%
CMY	0.8667, 0.7373, 0.2863
CMYK	0.81, 0.63, 0.00, 0.29
HSL	227°, 69%, 42%
HSV	227°, 81%, 71%
XYZ	11.1103, 7.7318, 45.1628
YIQ	70.2430, -56.5830, 28.7690

Conversions

Conversions Part 2

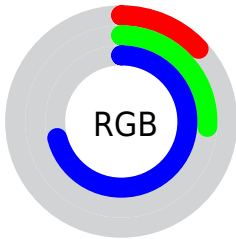
Format	Color
R _Y B	34, 61, 182
Decimal	2245558
CIE Lab	33.42, 31.47, -63.95
CIE LCh	33, 71.273, 296.198
Yxy	7.7318, 0.1736, 0.1208
Android (android.graphics.Color)	4280435638 (0xFF2243B6)
YUV	70.2430, 55.0962, -31.7851
Hunter-Lab	27.8061, 22.6617, -76.8348

Details

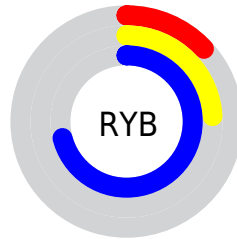
The Android color `4280435638` is a dark color, and the websafe version is hex `003399`, and the color name is `denim blue`. A complement of this color would be `4290155810`, and the grayscale version is `4282795590`.

A 20% lighter version of the original color is `4285101039`, and `4278196608` is the 20% darker color. If you saturate the color by 10%, you get `4279252406`, and if you desaturate by 10%, it is `4281618870`.

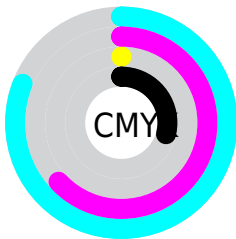
Distribution



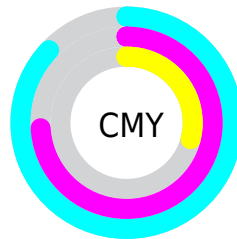
- Red (13%)
- Green (26%)
- Blue (71%)



- Red (13%)
- Yellow (24%)
- Blue (71%)



- Cyan (81%)
- Magenta (63%)
- Yellow (0%)
- Black (29%)



- Cyan (87%)
- Magenta (74%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280435638 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 4280435638 by changing the saturation by 10% instead.

 4280435638

 4280435638

4294967295

 4278201755

 4285101039

 4278196608

 4287073535

 4278191206

 4289046527

 4278191949

 4291019519

 4278191413

 4292992767

 4278190623

 4294966015

 4278190082

 4278190080

 4280435638

 4280435638

■ 4279252406

■ 4281618870

■ 4278200758

■ 4282802102

■ 4284050870

■ 4285234358

■ 4286417590

■ 4287600822

■ 4288784054

■ 4290032822

■ 4291216054

Harmonies

Analogous

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



4278213058



4280435638



4287108495

Triad

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



4280435638



4287638784



4278215750

Complementary

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



4280435638



4290155810

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.



4278214912



4280435638



4284959232

Square

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



4280435638



4289200161



4281293056



4278216064

Rectangle

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



4280435638



4288807019



4281293056



4278215473

Sweetspot

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



4280435638



4290036205



4280465043



4283784568



4294440951



4286085240

Same Dimension

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



4280435638



4278532589



4282983094



4283651420



4278199196



4278191644

Inverse Universe

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



4290126403



4293723449



4287608354



4284240725



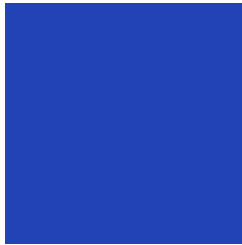
4288413731



4280025094

Previews

White Background



This preview shows how the Android color 4280435638 looks on a white background.

Color Contrast Check

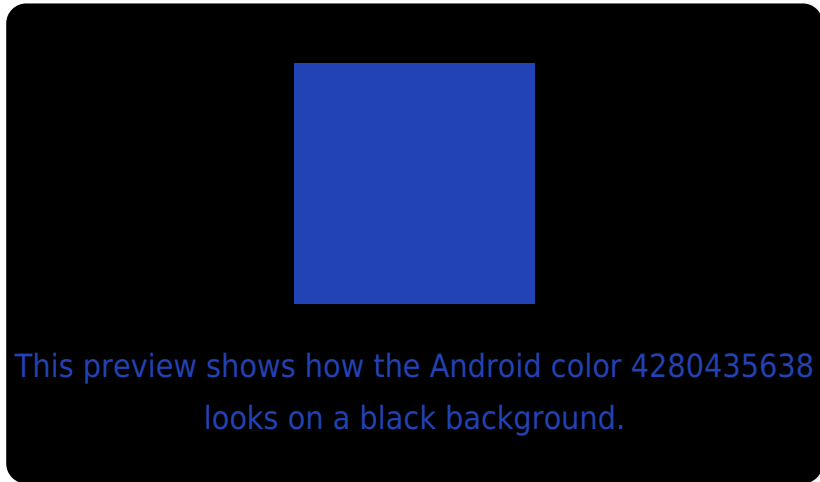
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280435638 Background



This preview shows how black text looks on a background with the Android color 4280435638.



This preview shows how white text looks on a background with the Android color 4280435638.

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

4280435638

Protanopia

4278209440

Deuteranopia

4278210697

Trichromacy



Original Color
4280435638

Protanomaly
4278995112

Deuteranomaly
4278995865

Tritanomaly
4278997117

Monochromacy



Original Color
4280435638

Achromatopsia
4282795590

Achromatomaly
4281943407

CSS Examples

Text

The CSS property to change the color of the text to Android 4280435638 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(34, 67, 182)` looks like.

```
.text, #text, p{  
    color:rgb(34, 67, 182)  
}
```

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(34, 67, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 67, 182) }
```

Border

The CSS property to change the border of an element to Android 4280435638 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(34, 67, 182) }
```

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

```
.border{ border-color:rgb(34, 67, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 67, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 67, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 67, 182);  
box-shadow:4px 4px 4px 4px rgb(34, 67,  
182) }
```

Background

The CSS property to change the background color of an element to Android 4280435638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 67, 182) }
```

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

```
.background{ background-color: rgb(34, 67,  
182) }
```

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