

Converting Colors

Android(4281538395)

Have a look what the booklet for
Android(4281538395) contains.

Android(4281538395)	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(4281538395)

Conversions

Conversions Part 1

Format	Color
Hex	33175B
RGB	51, 23, 91
RGB Percent	20%, 9%, 36%
CMY	0.8000, 0.9098, 0.6431
CMYK	0.44, 0.75, 0.00, 0.64
HSL	265°, 60%, 22%
HSV	265°, 75%, 36%
XYZ	3.5600, 2.0719, 10.1098
YIQ	39.1240, -5.1400, 27.0840

Conversions

Conversions Part 2

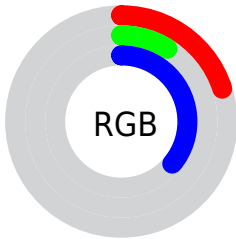
Format	Color
RYB	51, 23, 91
Decimal	3348315
CIELab	15.86, 29.96, -35.63
CIELCh	16, 46.556, 310.059
Yxy	2.0719, 0.2261, 0.1316
Android (android.graphics.Color)	4281538395 (0xFF33175B)
YUV	39.1240, 25.5749, 10.4153
Hunter-Lab	14.3942, 18.9566, -31.5666

Details

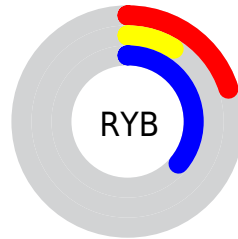
The Android color **4281538395** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **4282342167**, and the grayscale version is **4280756007**.

A 20% lighter version of the original color is **4284826766**, and **4278190124** is the 20% darker color. If you saturate the color by 10%, you get **4281208411**, and if you desaturate by 10%, it is **4281868379**.

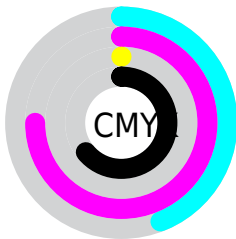
Distribution



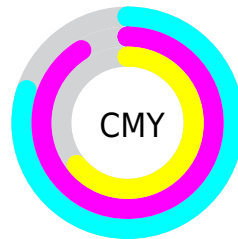
- Red (20%)
- Green (9%)
- Blue (36%)



- Red (20%)
- Yellow (9%)
- Blue (36%)



- Cyan (44%)
- Magenta (75%)
- Yellow (0%)
- Black (64%)



- Cyan (80%)
- Magenta (91%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281538395 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 4281538395 by changing the saturation by 10% instead.



4281538395



4281538395

4294967295



4279894339



4284826766



4278190124



4286602665



4278190359



4288313028



4278190080



4290154720



4291996413



4293904127



4294959871



4281538395



4281538395

■ 4281208411

■ 4281868379

■ 4280812891

■ 4282263899

■ 4280615003

■ 4282593883

■ 4282923867

■ 4283319643

■ 4283649627

■ 4283979611

■ 4284375131

■ 4284705115

Harmonies

Analogous

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



4278200682



4281538395



4283760703

Triad

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



4281538395



4282588416



4278203442

Complementary

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



4281538395



4282342167

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.



4278203151



4281538395



4280822272

Square

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



4281538395



4283892224



4278202368



4278203474

Rectangle

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



4281538395



4284284969



4278202368



4278203431

Sweetspot

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



4281538395



4284898165



4279713883



4281477947



4290427578



4282071867

Same Dimension

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



4281538395



4281797749



4283701083



4281018670



4281139310



4284612845

Inverse Universe

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



4284159807



4285860938



4280179479



4281215276



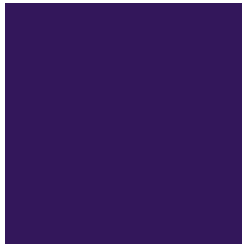
4285399104



4293722251

Previews

White Background



This preview shows how the Android color 4281538395 looks on a white background.

Color Contrast Check

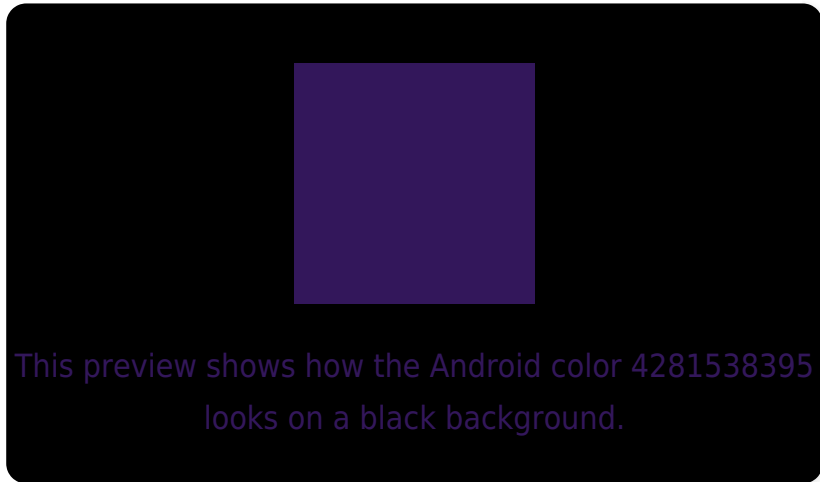
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281538395 Background



This preview shows how black text looks on a background with the Android color 4281538395.



This preview shows how white text looks on a background with the Android color 4281538395.

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
4281538395

Protanopia
4278200146

Deuteranopia
4278200903

Trichromacy



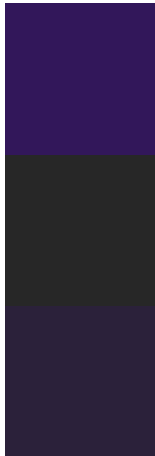
Original Color
4281538395

Protanomaly
4279443797

Deuteranomaly
4279444302

Tritanomaly
4281082429

Monochromacy



Original Color
4281538395

Achromatopsia
4280756007

Achromatomaly
4281016634

CSS Examples

Text

The CSS property to change the color of the text to Android 4281538395 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(51, 23, 91)` looks like.

```
.text, #text, p{  
    color:rgb(51, 23, 91)  
}
```

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(51, 23, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 23, 91) }
```

Border

The CSS property to change the border of an element to Android 4281538395 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(51, 23, 91) }
```

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

```
.border{ border-color:rgb(51, 23, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 23, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 23, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 23, 91);  
box-shadow:4px 4px 4px 4px rgb(51, 23, 91)  
}
```

Background

The CSS property to change the background color of an element to Android 4281538395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 23, 91) }
```

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

```
.background{ background-color: rgb(51, 23,  
91) }
```

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