Converting Colors

Android(4283251617)

Have a look what the booklet for Android(4283251617) contains.

Color

Android(4283251617)

Conversions

Conversions Part 1

Format	Color
Hex	4D3BA1
RGB	77, 59, 161
RGB Percent	30%, 23%, 63%
CMY	0.6980, 0.7686, 0.3686
CMYK	0.52, 0.63, 0.00, 0.37
HSL	251°, 46%, 43%
HSV	251°, 63%, 63%
XYZ	11.0576, 7.2789, 34.5404
YIQ	76.0100, -22.0140, 35.5380

Conversions

Conversions Part 2

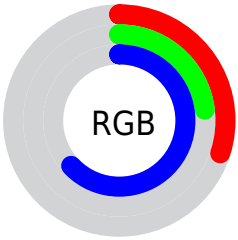
Format	Color
RYB	77, 59, 161
Decimal	5061537
CIELab	32.43, 35.32, -52.90
CIELCh	32, 63.604, 303.733
Yxy	7.2789, 0.2091, 0.1377
Android (android.graphics.Color)	4283251617 (0xFF4D3BA1)
YUV	76.0100, 41.9001, 0.8682
Hunter-Lab	26.9795, 25.9443, -57.0202

Details

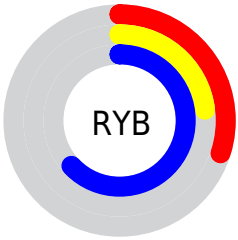
The Android color 4283251617 is a dark color, and the websafe version is hex 333399. A complement of this color would be 4287603003, and the grayscale version is 4283190348.

A 20% lighter version of the original color is 4286933977, and 4278718316 is the 20% darker color. If you saturate the color by 10%, you get 4282395553, and if you desaturate by 10%, it is 4284107681.

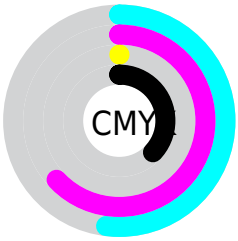
Distribution



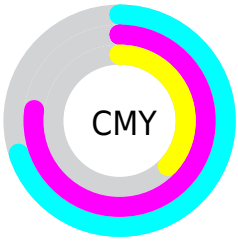
- Red (30%)
- Green (23%)
- Blue (63%)



- Red (30%)
- Yellow (23%)
- Blue (63%)



- Cyan (52%)
- Magenta (63%)
- Yellow (0%)
- Black (37%)



- Cyan (70%)
- Magenta (77%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283251617 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 4283251617 by changing the saturation by 10% instead.

4283251617

4294967295

4286933977

4288775669

4290617343

4292524799

4294498047

4294964223

4283251617

4282395553

4283251617

4281345158

4278718316

4278190163

4278191163

4278190629

4278190349

4278190080

4283251617

4284107681

4281473953

4280617889

4280025249

4285029281

4285885345

4286741409

4287597473

4288519329

4289375393

4290231457

4291087521

Harmonies

Analogous

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

4278211250

4283251617

4287304314

Triad

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

4283251617

4286592768

4278214737

Complementary

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

4283251617

4287603003

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.

4278214171

4283251617

4284042496

Square

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

4283251617

4288286743

4280440832

4278214787

Rectangle

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

4283251617

4288413785

4280440832

4278214720

Sweetspot

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

4283251617

4289767889

4282093729

4283781481

4293454056

4285098345

Same Dimension

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

4283251617

4283314897

4286528417

4283124050

4279894161

4278386706

Inverse Universe

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

4288756623

4291900085

4284326203

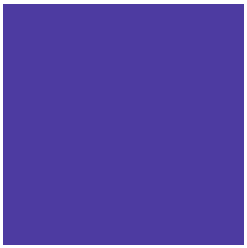
4283582800

4287692920

4279369743

Previews

White Background

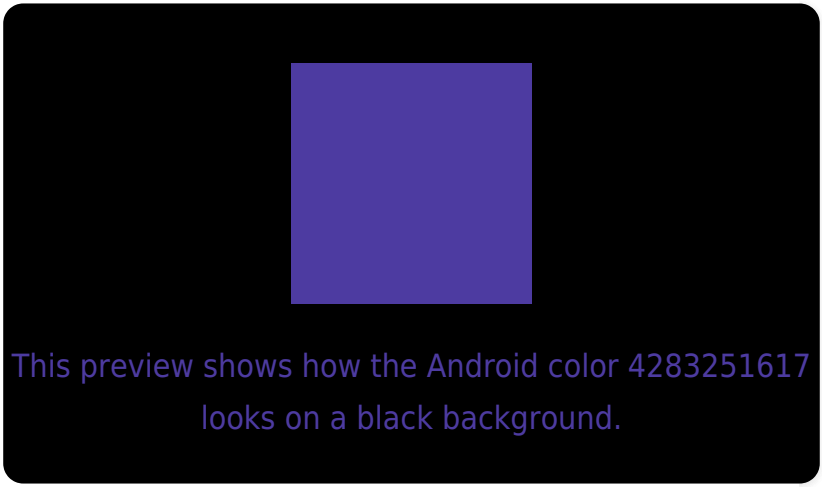


This preview shows how the Android color 4283251617 looks on a white background.

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 4283251617 Background

This preview shows how black text looks on a background with the Android color 4283251617.

This preview shows how white text looks on a background with the Android color 4283251617.

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
4283251617

Protanopia
4278209180

Deuteranopia
4278210183

Tritanopia
4281684311

Trichromacy

Original Color
4283251617

Protanomaly
4280042910

Deuteranomaly
4280043408

Tritanomaly
4282272114

Monochromacy

Original Color
4283251617

Achromatopsia
4283190348

Achromatomaly
4283188843

CSS Examples

Text

The CSS property to change the color of the text to Android 4283251617 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(77, 59, 161) looks like.

```
.text, #text, p{
    color:rgb(77, 59, 161)
}
```

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(77, 59, 161) colored shadow looks like.

Here you see how black text with a 4 pixel rgb(77, 59, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 59, 161) }
```

Border

The CSS property to change the border of an element to Android 4283251617 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(77, 59, 161) }
```

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

```
.border{ border-color:rgb(77, 59, 161) }
```

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

Here you see how a box with a 4 pixel rgb(77, 59, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(77, 59, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(77, 59, 161); box-shadow:4px 4px 4px 4px rgb(77, 59, 161) }
```

Background

The CSS property to change the background color of an element to Android 4283251617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(77, 59, 161) }
```

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

```
.background{ background-color:rgb(77, 59, 161) }
```

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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