

Converting Colors

Android(4281940456)

Have a look what the booklet for
Android(4281940456) contains.

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Color

Android(4281940456)

Conversions

Conversions Part 1

Format	Color
Hex	3939E8
RGB	57, 57, 232
RGB Percent	22%, 22%, 91%
CMY	0.7765, 0.7765, 0.0902
CMYK	0.75, 0.75, 0.00, 0.09
HSL	240°, 79%, 57%
HSV	240°, 75%, 91%
XYZ	17.7160, 9.6223, 77.2675
YIQ	76.9500, -56.1750, 54.4250

Conversions

Conversions Part 2

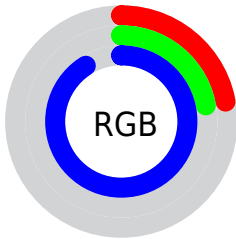
Format	Color
R _Y B	57, 57, 232
Decimal	3750376
CIE Lab	37.16, 56.49, -86.74
CIE LCh	37, 103.518, 303.075
Yxy	9.6223, 0.1694, 0.0920
Android (android.graphics.Color)	4281940456 (0xFF3939E8)
YUV	76.9500, 76.4397, -17.4961
Hunter-Lab	31.0198, 47.6596, -125.9719

Details

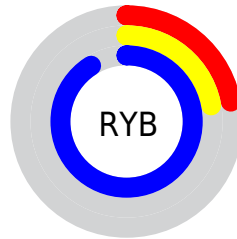
The Android color `4281940456` is a dark color, and the websafe version is hex `3333CC`. The color can be described as dark washed blue. A complement of this color would be `4293453881`, and the grayscale version is `4283190348`.

A 20% lighter version of the original color is `4286802943`, and `4278192047` is the 20% darker color. If you saturate the color by 10%, you get `4280427240`, and if you desaturate by 10%, it is `4283453672`.

Distribution



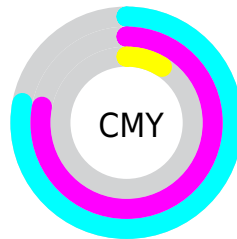
- Red (22%)
- Green (22%)
- Blue (91%)



- Red (22%)
- Yellow (22%)
- Blue (91%)



- Cyan (75%)
- Magenta (75%)
- Yellow (0%)
- Black (9%)




- Cyan (78%)
- Magenta (78%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281940456 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 4281940456 by changing the saturation by 10% instead.

 4281940456

 4281940456

4294967295

 4278198731

 4286802943

 4278192047

 4288906751

 4278190227

 4291010559

 4278190200

 4293049343

 4278193502

 4294957055

 4278192198

 4294964479

 4278191150

 4278190361

 4278190080

■ 4281940456

■ 4281940456

■ 4280427240

■ 4283453672

■ 4278914024

■ 4284966888

■ 4278190312

■ 4286545896

■ 4288059112

■ 4289572328

■ 4291085544

■ 4292598760

■ 4294177768

■ 4294967272

Harmonies

Analogous

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



4278215935



4281940456



4290379941

Triad

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



4281940456



4288949248



4278219615

Complementary

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



4281940456



4293453881

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.



4278218752



4281940456



4284766208

Square

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



4281940456



4291756032



4278216960



4278220211

Rectangle

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



4281940456



4292280431



4278216960



4278219329

Sweetspot

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



4281940456



4291085567



4281985256



4284243072



4278190080



4286611584

Same Dimension

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



4281940456



4279703551



4287707624



4284966771



4278190259



4278190131

Inverse Universe

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



4293409256



4294907903



4287752249



4285753203



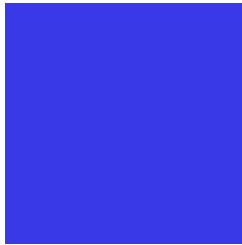
4289921203



4281532467

Previews

White Background



This preview shows how the Android color 4281940456 looks on a white background.

Color Contrast Check

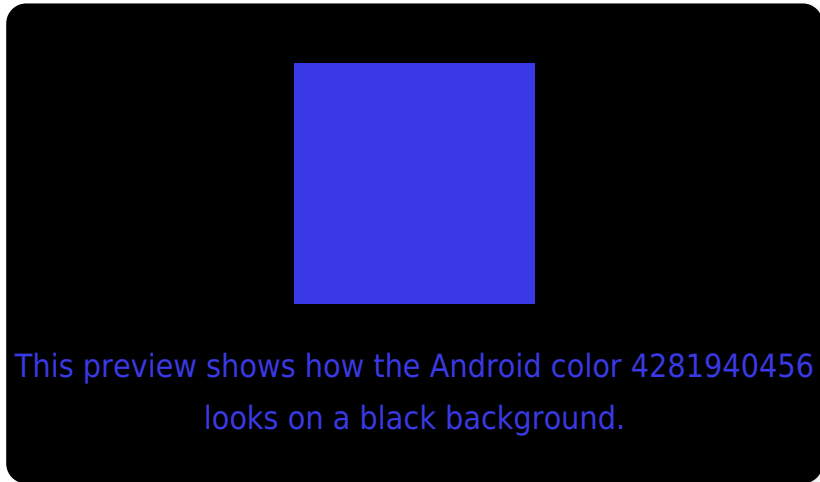
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281940456 Background



This preview shows how black text looks on a background with the Android color 4281940456.



This preview shows how white text looks on a background with the Android color 4281940456.

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
4281940456

Deuteranopia
4278213014

Tritanopia
4278214758

Trichromacy



Original Color
4281940456

Deuteranomaly
4279586228

Tritanomaly
4279587477

Monochromacy



Original Color
4281940456

Achromatopsia
4283256141

Achromatomaly
4282795653

CSS Examples

Text

The CSS property to change the color of the text to Android 4281940456 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(57, 57, 232)` looks like.

```
.text, #text, p{  
    color:rgb(57, 57, 232)  
}
```

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(57, 57, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 57, 232) }
```

Border

The CSS property to change the border of an element to Android 4281940456 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(57, 57, 232) }
```

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

```
.border{ border-color:rgb(57, 57, 232) }
```

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

Here you see how a box with a 4 pixel rgb(57, 57, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 57, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 57, 232);  
box-shadow:4px 4px 4px 4px rgb(57, 57,  
232) }
```

Background

The CSS property to change the background color of an element to Android 4281940456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 57, 232) }
```

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

```
.background{ background-color: rgb(57, 57,  
232) }
```

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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