

Converting Colors

Android(4281950647)

Have a look what the booklet for
Android(4281950647) contains.

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Color

Android(4281950647)

Conversions

Conversions Part 1

Format	Color
Hex	3961B7
RGB	57, 97, 183
RGB Percent	22%, 38%, 72%
CMY	0.7765, 0.6196, 0.2824
CMYK	0.69, 0.47, 0.00, 0.28
HSL	221°, 52%, 47%
HSV	221°, 69%, 72%
XYZ	14.5093, 12.8381, 46.5130
YIQ	94.8440, -51.4460, 18.2660

Conversions

Conversions Part 2

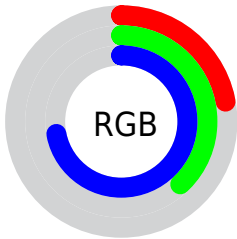
Format	Color
RYB	57, 87, 183
Decimal	3760567
CIELab	42.52, 14.99, -49.73
CIElCh	43, 51.942, 286.771
Yxy	12.8381, 0.1964, 0.1738
Android (android.graphics.Color)	4281950647 (0xFF3961B7)
YUV	94.8440, 43.4609, -33.1892
Hunter-Lab	35.8304, 9.5794, -51.8858

Details

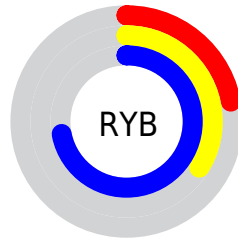
The Android color `4281950647` is a dark color, and the websafe version is hex `3366CC`. A complement of this color would be `4290219833`, and the grayscale version is `4284374622`.

A 20% lighter version of the original color is `4285961200`, and `4278203521` is the 20% darker color. If you saturate the color by 10%, you get `4280767927`, and if you desaturate by 10%, it is `4283133367`.

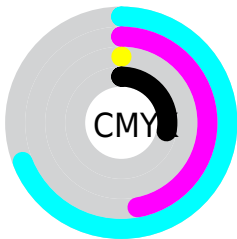
Distribution



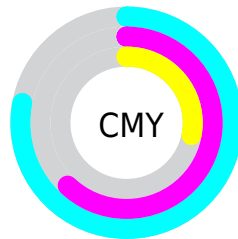
- Red (22%)
- Green (38%)
- Blue (72%)



- Red (22%)
- Yellow (34%)
- Blue (72%)



- Cyan (69%)
- Magenta (47%)
- Yellow (0%)
- Black (28%)



- Cyan (78%)
- Magenta (62%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281950647 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 4281950647 by changing the saturation by 10% instead.

■ 4281950647

■ 4281950647

4294967295

■ 4279061148

■ 4285961200

■ 4278203521

■ 4287868671

■ 4278198120

■ 4289776127

■ 4278191951

■ 4291683839

■ 4278191415

■ 4293656575

■ 4278190625

■ 4278190086

■ 4278190080

■ 4281950647

■ 4281950647

■ 4280767927

■ 4283133367

■ 4279519415

■ 4284381879

■ 4278336695

■ 4285564599

■ 4278205111

■ 4286747575

■ 4287995831

■ 4289178807

■ 4290361527

■ 4291544503

■ 4292792759

Harmonies

Analogous

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



4278218680



4281950647



4286860960

Triad

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



4281950647



4288956711



4278220623

Complementary

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



4281950647



4290219833

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.



4281168421



4281950647



4287126272

Square

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



4281950647



4289804622



4284639744



4278220924

Rectangle

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



4281950647



4288627079



4284639744



4278220353

Sweetspot

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



4281950647



4290497517



4281972621



4284113784



4294440951



4286085240

Same Dimension

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



4281950647



4280838125



4283316663



4283651676



4278202780



4278192412

Inverse Universe

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



4290197857



4293732455



4288853817



4284240726



4288413745



4280025097

Previews

White Background



This preview shows how the Android color 4281950647 looks on a white background.

Color Contrast Check

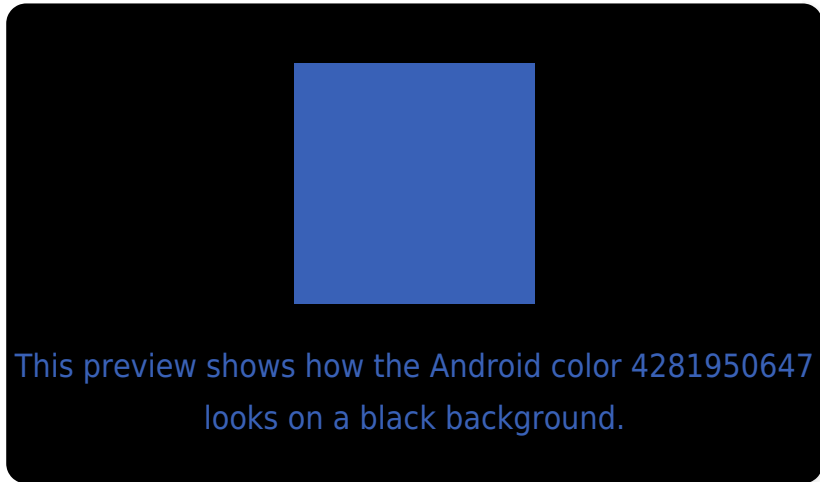
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 4281950647 Background



This preview shows how black text looks on a background with the Android color 4281950647.



This preview shows how white text looks on a background with the Android color 4281950647.

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

4281950647

Protanopia

4281950647

Deuteranopia

4278216372

Trichromacy



Original Color
4281950647

Protanomaly
4281950647

Deuteranomaly
4279592117

Tritanomaly
4279593615

Monochromacy



Original Color
4281950647

Achromatopsia
4284440415

Achromatomaly
4283523199

CSS Examples

Text

The CSS property to change the color of the text to Android 4281950647 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, 97, 183)` looks like.

```
.text, #text, p{  
    color:rgb(57, 97, 183)  
}
```

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, 97, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 97, 183) }
```

Border

The CSS property to change the border of an element to Android 4281950647 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, 97, 183) }
```

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

```
.border{ border-color:rgb(57, 97, 183) }
```

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

Here you see how a box with a 4 pixel rgb(57, 97, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 97, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 97, 183);  
box-shadow:4px 4px 4px 4px rgb(57, 97,  
183) }
```

Background

The CSS property to change the background color of an element to Android 4281950647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 97, 183) }
```

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

```
.background{ background-color: rgb(57, 97,  
183) }
```

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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