

Converting Colors

Android(4281960447)

Have a look what the booklet for
Android(4281960447) contains.

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Color

Android(4281960447)

Conversions

Conversions Part 1

Format	Color
Hex	3987FF
RGB	57, 135, 255
RGB Percent	22%, 53%, 100%
CMY	0.7765, 0.4706, 0.0000
CMYK	0.78, 0.47, 0.00, 0.00
HSL	216°, 100%, 61%
HSV	216°, 78%, 100%
XYZ	28.4013, 25.4178, 98.0170
YIQ	125.3580, -85.0080, 20.7840

Conversions

Conversions Part 2

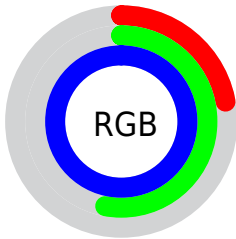
Format	Color
R _Y B	57, 113, 255
Decimal	3770367
CIE Lab	57.48, 17.55, -66.42
CIE LCh	57, 68.702, 284.800
Yxy	25.4178, 0.1871, 0.1674
Android (android.graphics.Color)	4281960447 (0xFF3987FF)
YUV	125.3580, 63.9135, -59.9500
Hunter-Lab	50.4161, 12.3278, -79.9781

Details

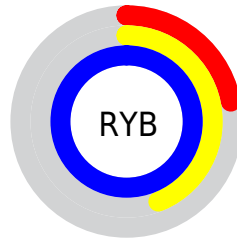
The Android color `4281960447` is a dark color, and the websafe version is hex `6699FF`. The color can be described as middle washed azure. A complement of this color would be `4294947129`, and the grayscale version is `4286414205`.

A 20% lighter version of the original color is `4286823679`, and `4278212293` is the 20% darker color. If you saturate the color by 10%, you get `4280252671`, and if you desaturate by 10%, it is `4283602687`.

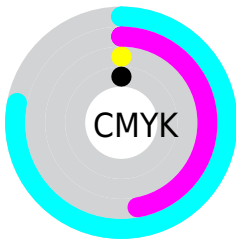
Distribution



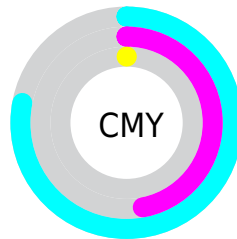
- Red (22%)
- Green (53%)
- Blue (100%)



- Red (22%)
- Yellow (44%)
- Blue (100%)



- Cyan (78%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)



- Cyan (78%)
- Magenta (47%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281960447 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 4281960447 by changing the saturation by 10% instead.

 4281960447

 4281960447

4294967295

 4278218466

 4286823679

 4278212293

 4288927743

 4278206634

 4291032063

 4278201230

 4293066751

 4278196852

 4278192219

 4278191938

 4278190891

 4278190357

■ 4281960447

■ 4281960447

■ 4280252671

■ 4283602687

■ 4278610175

■ 4285310719

■ 4278215935

■ 4286952959

■ 4288660991

■ 4290303231

■ 4292011263

■ 4293653503

4294967295

Harmonies

Analogous

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



4278229758



4281960447



4289817824

Triad

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



4281960447



4293157175



4278231912

Complementary

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



4281960447



4294947129

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.



4282490155



4281960447



4290739200

Square

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



4281960447



4294200175



4287270912



4278232487

Rectangle

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



4281960447



4292434110



4287270912



4278231636

Sweetspot

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



4281960447



4291091455



4281991088



4284246656



4278190080



4286611584

Same Dimension

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



4281960447



4279398399



4283251199



4285757568



4278209471



4278196544

Inverse Universe

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



4294916487



4294906479



4293656377



4286608248



4290707531



4282384409

Previews

White Background



This preview shows how the Android color 4281960447 looks on a white background.

Color Contrast Check

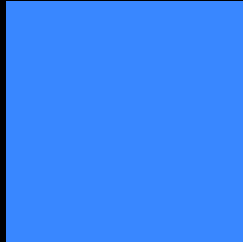
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4281960447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

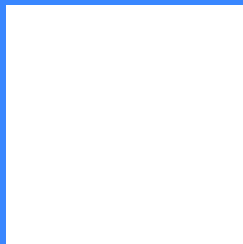
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4281960447 Background



This preview shows how black text looks on a background with the Android color 4281960447.



This preview shows how white text looks on a background with the Android color 4281960447.

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



Trichromacy



Original Color
4281960447

Protanomaly
4282681086

Deuteranomaly
4279601913

Tritanomaly
4279603908

Monochromacy



Original Color
4281960447

Achromatopsia
4286414205

Achromatomaly
4284776876

CSS Examples

Text

The CSS property to change the color of the text to Android 4281960447 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, 135, 255)` looks like.

```
.text, #text, p{  
    color:rgb(57, 135, 255)  
}
```

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, 135, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 135, 255) }
```

Border

The CSS property to change the border of an element to Android 4281960447 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, 135, 255) }
```

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

```
.border{ border-color:rgb(57, 135, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 135, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 135, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 135, 255);  
box-shadow:4px 4px 4px 4px rgb(57, 135,  
255) }
```

Background

The CSS property to change the background color of an element to Android 4281960447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 135, 255) }
```

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

```
.background{ background-color: rgb(57, 135,  
255) }
```

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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