

Converting Colors

Android(4286083583)

Have a look what the booklet for
Android(4286083583) contains.

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Color

Android(4286083583)

Conversions

Conversions Part 1

Format	Color
Hex	7871FF
RGB	120, 113, 255
RGB Percent	47%, 44%, 100%
CMY	0.5294, 0.5569, 0.0000
CMYK	0.53, 0.56, 0.00, 0.00
HSL	243°, 100%, 72%
HSV	243°, 56%, 100%
XYZ	31.7009, 23.0233, 97.3809
YIQ	131.2810, -41.4100, 45.6460

Conversions

Conversions Part 2

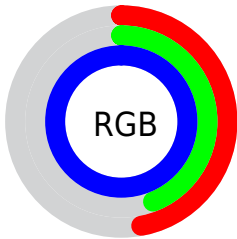
Format	Color
R _Y B	120, 113, 255
Decimal	7893503
CIE _{Lab}	55.10, 40.30, -70.11
CIE _{LCh}	55, 80.870, 299.888
Y _{xy}	23.0233, 0.2084, 0.1514
Android (android.graphics.Color)	4286083583 (0xFF7871FF)
Y _{UV}	131.2810, 60.9935, -9.8934
Hunter-Lab	47.9826, 33.9606, -86.7414

Details

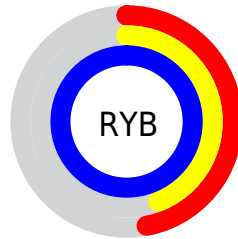
The Android color `4286083583` is a light color, and the websafe version is hex `6666FF`. A complement of this color would be `4294508401`, and the grayscale version is `4286808963`.

A 20% lighter version of the original color is `4290094591`, and `4281680325` is the 20% darker color. If you saturate the color by 10%, you get `4284504319`, and if you desaturate by 10%, it is `4287663103`.

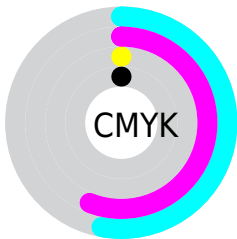
Distribution



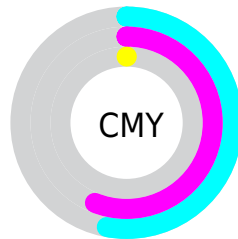
- Red (47%)
- Green (44%)
- Blue (100%)



- Red (47%)
- Yellow (44%)
- Blue (100%)



- Cyan (53%)
- Magenta (56%)
- Yellow (0%)
- Black (0%)



- Cyan (53%)
- Magenta (56%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286083583 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 4286083583 by changing the saturation by 10% instead.

 4286083583

 4286083583

4294967295

 4283980002

 4290094591

 4281680325

 4292067583

 4278201001

 4294040831

 4278195854

 4294965759

 4278190708

 4278190170

 4278191938

 4278190890

 4278190357

■ 4286083583

■ 4286083583

■ 4284504319

■ 4287663103

■ 4282924799

■ 4289242367

■ 4281279743

■ 4290887423

■ 4279700479

■ 4292466687

■ 4279042303

■ 4294046207

4294967295

Harmonies

Analogous

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



4278226431



4286083583



4292167627

Triad

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



4286083583



4292174592



4278231426

Complementary

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



4286083583



4294508401

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.



4278230327



4286083583



4288708864

Square

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



4286083583



4294326851



4284060416



4278231752

Rectangle

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



4286083583



4294060447



4284060416



4278231145

Sweetspot

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



4286083583



4292269311



4285659903



4284966528



4278190080



4286611584

Same Dimension

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



4286083583



4284306687



4290605567



4285756288



4278780095



4278386752

Inverse Universe

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



4294930936



4294923511



4289986417



4286608255



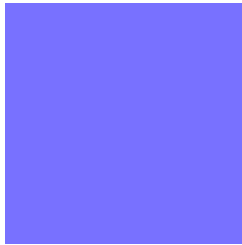
4290707638



4282384445

Previews

White Background



This preview shows how the Android color 4286083583 looks on a white background.

Color Contrast Check

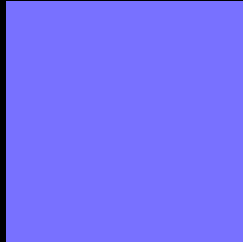
Large Text (above 18pt) WCAG AA ✓ Pass

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 4286083583 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 4286083583 Background



This preview shows how black text looks on a background with the Android color 4286083583.



This preview shows how white text looks on a background with the Android color 4286083583.

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
4286083583

Protanomaly
4283333375

Deuteranomaly
4281106162

Tritanomaly
4284646077

Monochromacy



Original Color
4286083583

Achromatopsia
4286808963

Achromatomaly
4286545072

CSS Examples

Text

The CSS property to change the color of the text to Android 4286083583 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(120, 113, 255)` looks like.

```
.text, #text, p{  
    color:rgb(120, 113, 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(120, 113, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 113, 255) }
```

Border

The CSS property to change the border of an element to Android 4286083583 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(120, 113, 255) }
```

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

```
.border{ border-color:rgb(120, 113, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 113, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 113, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 113, 255); box-shadow:4px 4px 4px 4px rgb(120, 113, 255) }
```

Background

The CSS property to change the background color of an element to Android 4286083583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 113, 255) }
```

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

```
.background{ background-color: rgb(120,  
113, 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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