

Converting Colors

Android(4286022885)

Have a look what the booklet for
Android(4286022885) contains.

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Color

Android(4286022885)

Conversions

Conversions Part 1

Format	Color
Hex	7784E5
RGB	119, 132, 229
RGB Percent	47%, 52%, 90%
CMY	0.5333, 0.4824, 0.1020
CMYK	0.48, 0.42, 0.00, 0.10
HSL	233°, 68%, 68%
HSV	233°, 48%, 90%
XYZ	30.0019, 26.0816, 77.5817
YIQ	139.1710, -38.8850, 27.4110

Conversions

Conversions Part 2

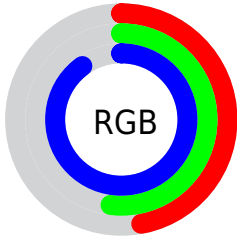
Format	Color
RYB	119, 131, 229
Decimal	7832805
CIELab	58.11, 20.98, -50.85
CIELCh	58, 55.008, 292.421
Yxy	26.0816, 0.2245, 0.1951
Android (android.graphics.Color)	4286022885 (0xFF7784E5)
YUV	139.1710, 44.2857, -17.6900
Hunter-Lab	51.0702, 15.4895, -54.3195

Details

The Android color `4286022885` is a light color, and the websafe version is hex `9999FF`. A complement of this color would be `4293253239`, and the grayscale version is `4287335307`.

A 20% lighter version of the original color is `4289772031`, and `4282143661` is the 20% darker color. If you saturate the color by 10%, you get `4284510437`, and if you desaturate by 10%, it is `4287535333`.

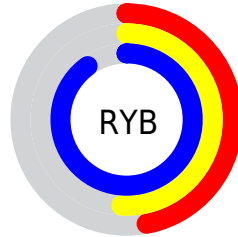
Distribution



Red (47%)

Green (52%)

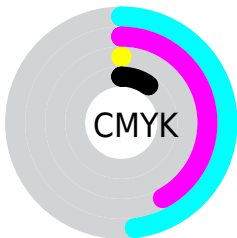
Blue (90%)



Red (47%)

Yellow (51%)

Blue (90%)

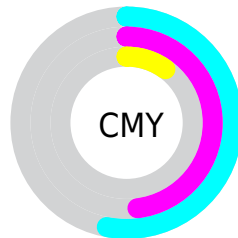


Cyan (48%)

Magenta (42%)

Yellow (0%)

Black (10%)



Cyan (53%)















Magenta (48%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286022885 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 4286022885 by changing the saturation by 10% instead.

 4286022885	 4286022885
4294967295	 4284115913
 4289772031	 4282143661
 4291679487	 4279712914
 4293652991	 4278200184
	 4278195294
	 4278190150
	 4278191151
	 4278190361
	 4278190080

 4286022885

 4286022885

 4284510437

 4287535333

 4282997989

 4289047781

 4281485285

 4290560485

 4279972837

 4292072933

 4278460389

 4293585381

 4278197221

 4294966757

 4294967269

Harmonies

Analogous

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



4278228459



4286022885



4290408391

Triad

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



4286022885



4291981888



4278231677

Complementary

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



4286022885



4293253239

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.



4282752334



4286022885



4289758501

Square

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



4286022885



4293091946



4286747690



4278231983

Rectangle

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



4286022885



4292175018



4286747690



4278231405

Sweetspot

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



4286022885



4292600063



4286047702



4285164672



4278190080



4286611584

Same Dimension

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



4286022885



4285234687



4288640997



4284967283



4278195635



4278191667

Inverse Universe

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



4293228420



4294929277



4290635127



4285753193



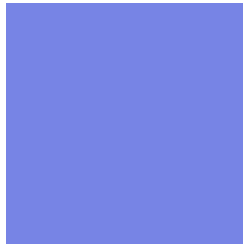
4289921045



4281532422

Previews

White Background



This preview shows how the Android color 4286022885 looks on a white background.

Color Contrast Check

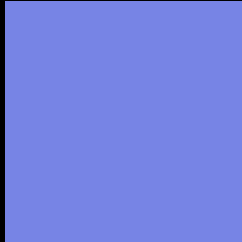
Large Text (above 18pt) WCAG AA ✓ Pass

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 4286022885 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 4286022885 Background



This preview shows how black text looks on a background with the Android color 4286022885.



This preview shows how white text looks on a background with the Android color 4286022885.

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
4286022885

Protanopia
4284713193

Deuteranopia
4283796707

Trichromacy



Original Color
4286022885

Protanomaly
4285171688

Deuteranomaly
4284582372

Tritanomaly
4285173432

Monochromacy



Original Color
4286022885

Achromatopsia
4287335307

Achromatomaly
4286875820

CSS Examples

Text

The CSS property to change the color of the text to Android 4286022885 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(119, 132, 229)` looks like.

```
.text, #text, p{  
    color:rgb(119, 132, 229)  
}
```

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(119, 132, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 132, 229) }
```

Border

The CSS property to change the border of an element to Android 4286022885 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(119, 132, 229) }
```

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

```
.border{ border-color:rgb(119, 132, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 132, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 132, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 132, 229);  
box-shadow:4px 4px 4px 4px rgb(119, 132,  
229) }
```

Background

The CSS property to change the background color of an element to Android 4286022885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 132, 229) }
```

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

```
.background{ background-color: rgb(119,  
132, 229) }
```

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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