

Converting Colors

Android(4286937053)

Have a look what the booklet for
Android(4286937053) contains.

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Color

Android(4286937053)

Conversions

Conversions Part 1

Format	Color
Hex	8577DD
RGB	133, 119, 221
RGB Percent	52%, 47%, 87%
CMY	0.4784, 0.5333, 0.1333
CMYK	0.40, 0.46, 0.00, 0.13
HSL	248°, 60%, 67%
HSV	248°, 46%, 87%
XYZ	29.3208, 23.4007, 71.3780
YIQ	134.8140, -24.3980, 34.6900

Conversions

Conversions Part 2

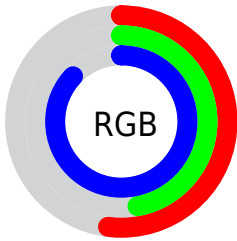
Format	Color
RYB	133, 119, 221
Decimal	8746973
CIELab	55.48, 29.73, -50.49
CIELCh	55, 58.595, 300.488
Yxy	23.4007, 0.2363, 0.1886
Android (android.graphics.Color)	4286937053 (0xFF8577DD)
YUV	134.8140, 42.4897, -1.5909
Hunter-Lab	48.3742, 23.5385, -53.6227

Details

The Android color `4286937053` is a light color, and the websafe version is hex `6666CC`. A complement of this color would be `4291812727`, and the grayscale version is `4287006342`.

A 20% lighter version of the original color is `4290685951`, and `4283254437` is the 20% darker color. If you saturate the color by 10%, you get `4285686237`, and if you desaturate by 10%, it is `4288187869`.

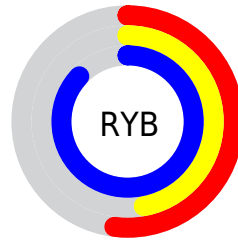
Distribution



Red (52%)

Green (47%)

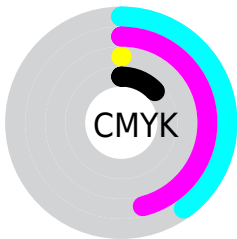
Blue (87%)



Red (52%)

Yellow (47%)

Blue (87%)

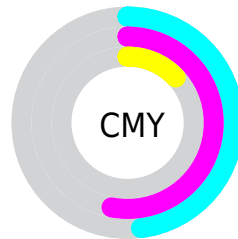


Cyan (40%)

Magenta (46%)

Yellow (0%)

Black (13%)



Cyan (48%)

Magenta (53%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286937053 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 4286937053 by changing the saturation by 10% instead.

 4286937053

 4286937053

4294967295

 4285095617

 4290685951

 4283254437

 4292593663

 4281348234

 4294501375

 4278786672

 4278191703

 4278190143

 4278190888

 4278190354

 4278190080

■ 4286937053

■ 4286937053

■ 4285686237

■ 4288187869

■ 4284435421

■ 4289438685

■ 4283184605

■ 4290689501

■ 4281933789

■ 4291940317

■ 4280682717

■ 4293191389

■ 4280156381

■ 4294442205

■ 4294967261

Harmonies

Analogous

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



4278225899



4286937053



4290928824

Triad

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



4286937053



4291129130



4278230404

Complementary

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



4286937053



4291812727

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.



4278688080



4286937053



4288512779

Square

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



4286937053



4292696916



4285239587



4278230199

Rectangle

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



4286937053



4292367767



4285239587



4278230130

Sweetspot

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



4286937053



4292926463



4286042077



4285360768



4278190080



4286611584

Same Dimension

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



4286937053



4287001599



4290279389



4284769134



4279763117



4278583342

Inverse Universe

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



4292704207



4294931436



4288470391



4285424492



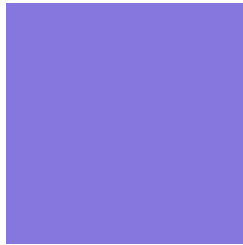
4289527958



4281204776

Previews

White Background



This preview shows how the Android color 4286937053 looks on a white background.

Color Contrast Check

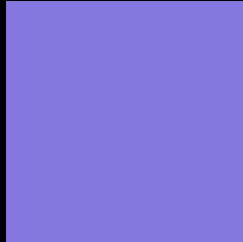
Large Text (above 18pt) WCAG AA ✓ Pass

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 4286937053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

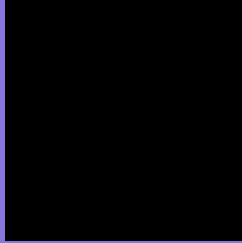
Any Text WCAG AA ✓ Pass

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 4286937053 Background



This preview shows how black text looks on a background with the Android color 4286937053.



This preview shows how white text looks on a background with the Android color 4286937053.

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

4286937053

Protanomaly

4285038051

Deuteranomaly

4284711131

Tritanomaly

4286218926

Monochromacy



Original Color

4286937053

Achromatopsia

4287072135

Achromatomaly

4287005094

CSS Examples

Text

The CSS property to change the color of the text to Android 4286937053 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(133, 119, 221)` looks like.

```
.text, #text, p{  
    color:rgb(133, 119, 221)  
}
```

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(133, 119, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 119, 221) }
```

Border

The CSS property to change the border of an element to Android 4286937053 is called "border". The border property can be set on classes, ids or directly on the HTML element.

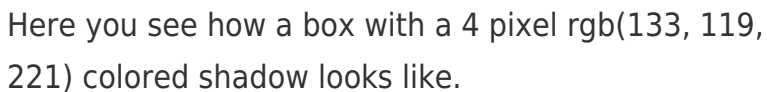
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(133, 119, 221) }
```

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

```
.border{ border-color:rgb(133, 119, 221) }
```

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



Here you see how a box with a 4 pixel `rgb(133, 119, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(133, 119, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(133, 119, 221); box-shadow:4px 4px 4px 4px rgb(133, 119, 221) }
```

Background

The CSS property to change the background color of an element to Android 4286937053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 119, 221) }
```

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

```
.background{ background-color: rgb(133,  
119, 221) }
```

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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