

Converting Colors

Android(4278997223)

Have a look what the booklet for
Android(4278997223) contains.

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Color

Android(4278997223)

Conversions

Conversions Part 1

Format	Color
Hex	0C50E7
RGB	12, 80, 231
RGB Percent	5%, 31%, 91%
CMY	0.9529, 0.6863, 0.0941
CMYK	0.95, 0.65, 0.00, 0.09
HSL	221°, 90%, 48%
HSV	221°, 95%, 91%
XYZ	17.4441, 11.5850, 76.9180
YIQ	76.8820, -88.9990, 32.5450

Conversions

Conversions Part 2

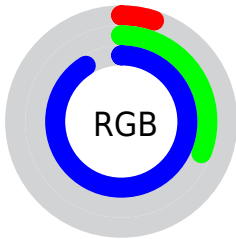
Format	Color
RYB	12, 64, 231
Decimal	807143
CIELab	40.55, 40.40, -80.62
CIELCh	41, 90.181, 296.615
Yxy	11.5850, 0.1646, 0.1093
Android (android.graphics.Color)	4278997223 (0xFF0C50E7)
YUV	76.8820, 75.9802, -56.9015
Hunter-Lab	34.0368, 31.9182, -110.1609

Details

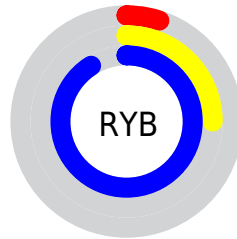
The Android color `4278997223` is a dark color, and the websafe version is hex `3366FF`. The color can be described as dark washed blue. A complement of this color would be `4293370636`, and the grayscale version is `4283190348`.

A 20% lighter version of the original color is `4285497855`, and `4278199726` is the 20% darker color. If you saturate the color by 10%, you get `4278208743`, and if you desaturate by 10%, it is `4280508647`.

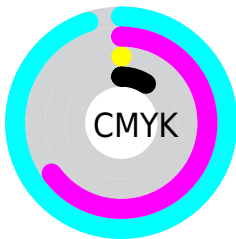
Distribution



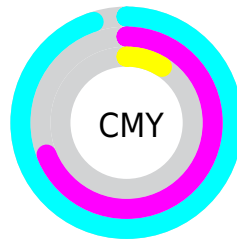
- Red (5%)
- Green (31%)
- Blue (91%)



- Red (5%)
- Yellow (25%)
- Blue (91%)



- Cyan (95%)
- Magenta (65%)
- Yellow (0%)
- Black (9%)



- Cyan (95%)
- Magenta (69%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278997223 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 4278997223 by changing the saturation by 10% instead.

 4278997223

 4278997223

4294967295

 4278204874

 4285497855

 4278199726

 4287667199

 4278195091

 4289771263

 4278190200

 4291875327

 4278193758

 4293914111

 4278192197

 4278191150

 4278190360

 4278190080

■ 4278997223

■ 4278997223

■ 4278208743

■ 4280508647

■ 4282020071

■ 4283531495

■ 4285042919

■ 4286554343

■ 4288131303

■ 4289642471

■ 4291153895

■ 4292665319

Harmonies

Analogous

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



4278218487



4278997223



4289396915

Triad

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



4278997223



4289868032



4278221397

Complementary

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



4278997223



4293370636

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.



4278220288



4278997223



4286339840

Square

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



4278997223



4292018212



4281363968



4278221985

Rectangle

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



4278997223



4291559556



4281363968



4278221114

Sweetspot

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



4278997223



4290301695



4279035810



4283720320



4278190080



4286611584

Same Dimension

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



4278997223



4278210559



4281601255



4284967795



4278204339



4278194227

Inverse Universe

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



4293332048



4294901839



4290766604



4285753195



4289921079



4281532432

Previews

White Background



This preview shows how the Android color 4278997223 looks on a white background.

Color Contrast Check

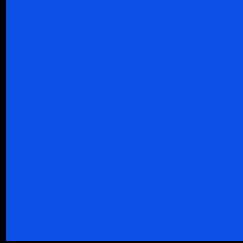
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4278997223 looks on a 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 4278997223 Background



This preview shows how black text looks on a background with the Android color 4278997223.



This preview shows how white text looks on a background with the Android color 4278997223.

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

4278997223

Protanopia

4278213569

Deuteranopia

4278215333

Trichromacy



Original Color

4278997223

Protanomaly

4278474703

Deuteranomaly

4278475709

Tritanomaly

4278476955

Monochromacy



Original Color

4278997223

Achromatopsia

4283256141

Achromatomaly

4281683589

CSS Examples

Text

The CSS property to change the color of the text to Android 4278997223 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(12, 80, 231)` looks like.

```
.text, #text, p{  
    color:rgb(12, 80, 231)  
}
```

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(12, 80, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 80, 231) }
```

Border

The CSS property to change the border of an element to Android 4278997223 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(12, 80, 231) }
```

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

```
.border{ border-color:rgb(12, 80, 231) }
```

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

Here you see how a box with a 4 pixel rgb(12, 80, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 80, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 80, 231);  
box-shadow:4px 4px 4px 4px rgb(12, 80,  
231) }
```

Background

The CSS property to change the background color of an element to Android 4278997223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 80, 231) }
```

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

```
.background{ background-color: rgb(12, 80,  
231) }
```

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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