

Converting Colors

Android(4278992583)

Have a look what the booklet for
Android(4278992583) contains.

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Color

Android(4278992583)

Conversions

Conversions Part 1

Format	Color
Hex	0C3EC7
RGB	12, 62, 199
RGB Percent	5%, 24%, 78%
CMY	0.9529, 0.7569, 0.2196
CMYK	0.94, 0.69, 0.00, 0.22
HSL	224°, 89%, 41%
HSV	224°, 94%, 78%
XYZ	12.1830, 7.6469, 54.8667
YIQ	62.6680, -73.7770, 32.0070

Conversions

Conversions Part 2

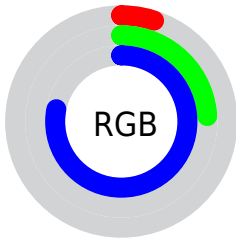
Format	Color
RYB	12, 51, 199
Decimal	802503
CIELab	33.24, 39.88, -74.26
CIELCh	33, 84.290, 298.234
Yxy	7.6469, 0.1631, 0.1024
Android (android.graphics.Color)	4278992583 (0xFF0C3EC7)
YUV	62.6680, 67.2117, -44.4358
Hunter-Lab	27.6531, 30.2484, -98.2806

Details

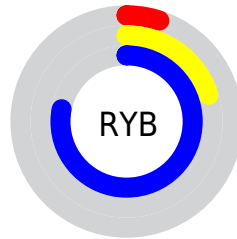
The Android color `4278992583` is a dark color, and the websafe version is hex `0033CC`. The color can be described as dark washed blue. A complement of this color would be `4291269900`, and the grayscale version is `4282269246`.

A 20% lighter version of the original color is `4284968703`, and `4278195600` is the 20% darker color. If you saturate the color by 10%, you get `4278203847`, and if you desaturate by 10%, it is `4280307143`.

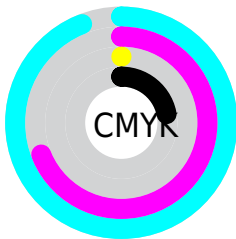
Distribution



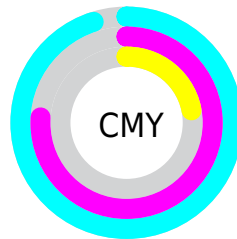
- Red (5%)
- Green (24%)
- Blue (78%)



- Red (5%)
- Yellow (20%)
- Blue (78%)



- Cyan (94%)
- Magenta (69%)
- Yellow (0%)
- Black (22%)



- Cyan (95%)
- Magenta (76%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278992583 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 4278992583 by changing the saturation by 10% instead.

 4278992583

 4278992583

4294967295

 4278200491

 4284968703


 4278195600

 4287072255

 4278190197

 4289110527

 4278191451

 4291083519

 4278191939

 4293122303

 4278190892

 4294964735

 4278190358

 4278190080

 4278992583

 4278992583

■ 4278203847

■ 4280307143

■ 4281621447

■ 4282936007

■ 4284250311

■ 4285564871

■ 4286813639

■ 4288128199

■ 4289442759

■ 4290757063

Harmonies

Analogous

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



4278213336



4278992583



4287955094

Triad

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



4278992583



4287964672



4278216008

Complementary

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



4278992583



4291269900

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.



4278215168



4278992583



4284762880

Square

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



4278992583



4289986581



4279720704



4278216589

Rectangle

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



4278992583



4289790059



4279720704



4278215984

Sweetspot

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



4278992583



4290300927



4279027602



4283719808



4278190080



4286611584

Same Dimension

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



4278992583



4278207743



4281666759



4284111971



4278201507



4278192676

Inverse Universe

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



4291234878



4294901828



4288595724



4284701276



4288872492



4280549386

Previews

White Background



This preview shows how the Android color 4278992583 looks on a white background.

Color Contrast Check

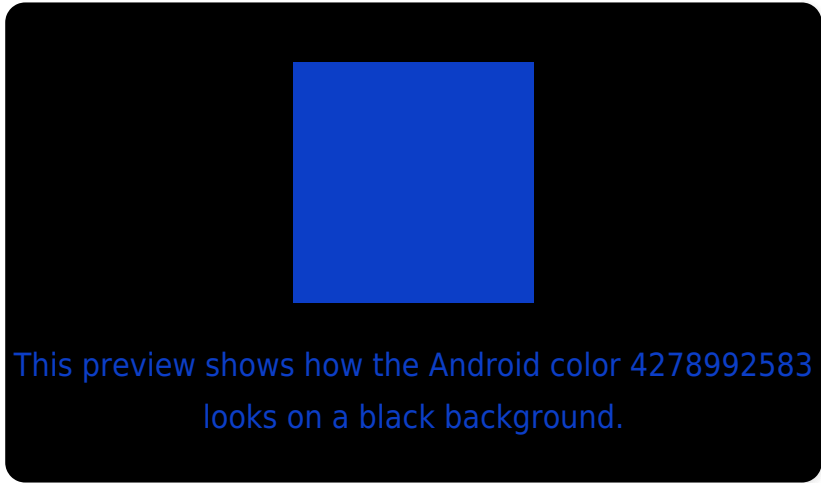
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 4278992583 Background



This preview shows how black text looks on a background with the Android color 4278992583.



This preview shows how white text looks on a background with the Android color 4278992583.

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

4278992583

Protanopia

4278209438

Deuteranopia

4278210695

Trichromacy



Original Color
4278992583

Protanomaly
4278470317

Deuteranomaly
4278471070

Tritanomaly
4278472322

Monochromacy



Original Color
4278992583

Achromatopsia
4282335039

Achromatomaly
4281089904

CSS Examples

Text

The CSS property to change the color of the text to Android 4278992583 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, 62, 199)` looks like.

```
.text, #text, p{  
    color:rgb(12, 62, 199)  
}
```

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, 62, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 62, 199) }
```

Border

The CSS property to change the border of an element to Android 4278992583 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, 62, 199) }
```

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

```
.border{ border-color:rgb(12, 62, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 62, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 62, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 62, 199);  
box-shadow:4px 4px 4px 4px rgb(12, 62,  
199) }
```

Background

The CSS property to change the background color of an element to Android 4278992583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 62, 199) }
```

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

```
.background{ background-color: rgb(12, 62,  
199) }
```

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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