

Converting Colors

Android(4279966522)

Have a look what the booklet for
Android(4279966522) contains.

Android(4279966522)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4279966522)

Conversions

Conversions Part 1

Format	Color
Hex	1B1B3A
RGB	27, 27, 58
RGB Percent	11%, 11%, 23%
CMY	0.8941, 0.8941, 0.7725
CMYK	0.53, 0.53, 0.00, 0.77
HSL	240°, 36%, 17%
HSV	240°, 53%, 23%
XYZ	1.6076, 1.3224, 4.1735
YIQ	30.5340, -9.9510, 9.6410

Conversions

Conversions Part 2

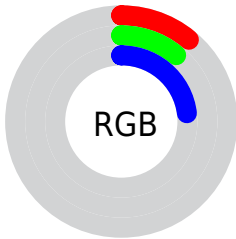
Format	Color
RYB	27, 27, 58
Decimal	1776442
CIELab	11.43, 10.11, -20.14
CIELCh	11, 22.534, 296.658
Yxy	1.3224, 0.2263, 0.1862
Android (android.graphics.Color)	4279966522 (0xFF1B1B3A)
YUV	30.5340, 13.5407, -3.0993
Hunter-Lab	11.4994, 4.8308, -13.4686

Details

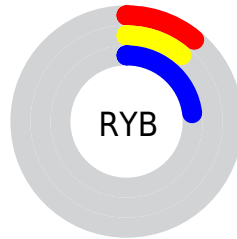
The Android color **4279966522** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **4282006043**, and the grayscale version is **4280163870**.

A 20% lighter version of the original color is **4282992233**, and **4278190349** is the 20% darker color. If you saturate the color by 10%, you get **4279571770**, and if you desaturate by 10%, it is **4280361274**.

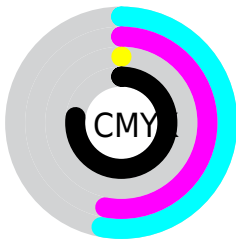
Distribution



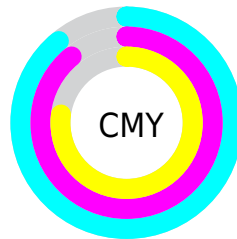
- Red (11%)
- Green (11%)
- Blue (23%)



- Red (11%)
- Yellow (11%)
- Blue (23%)



- Cyan (53%)
- Magenta (53%)
- Yellow (0%)
- Black (77%)



- Cyan (89%)
- Magenta (89%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279966522 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 4279966522 by changing the saturation by 10% instead.

■ 4279966522

■ 4279966522

4294967039

■ 4278583333

■ 4282992233

■ 4278190349

■ 4284571267

■ 4278190080

■ 4286215837

■ 4287991992

■ 4289702612

■ 4291544816

■ 4293387007

■ 4279966522

■ 4279966522

■ 4279571770

■ 4280361274

■ 4279177018

■ 4280756026

■ 4278848058

■ 4281084986

■ 4278453306

■ 4281479738

■ 4278190138

■ 4281874490

■ 4282269242

■ 4282663994

■ 4282992954

■ 4283387706

Harmonies

Analogous

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



4278198589



4279966522



4281275439

Triad

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



4279966522



4281603840



4278199836

Complementary

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



4279966522



4282006043

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.



4278461450



4279966522



4280884480

Square

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



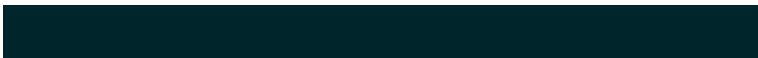
4279966522



4281995537



4279968000



4278199852

Rectangle

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



4279966522



4281798694



4279968000



4278199575

Sweetspot

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



4279966522



4282400845



4279974458



4280229670



4289111718



4280690214

Same Dimension

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



4279966522



4280032333



4281015098



4279834908



4278190172



4278190299

Inverse Universe

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



4281998138



4283243597



4281023003



4280031516



4284219484



4292542683

Previews

White Background



This preview shows how the Android color 4279966522 looks on a white background.

Color Contrast Check

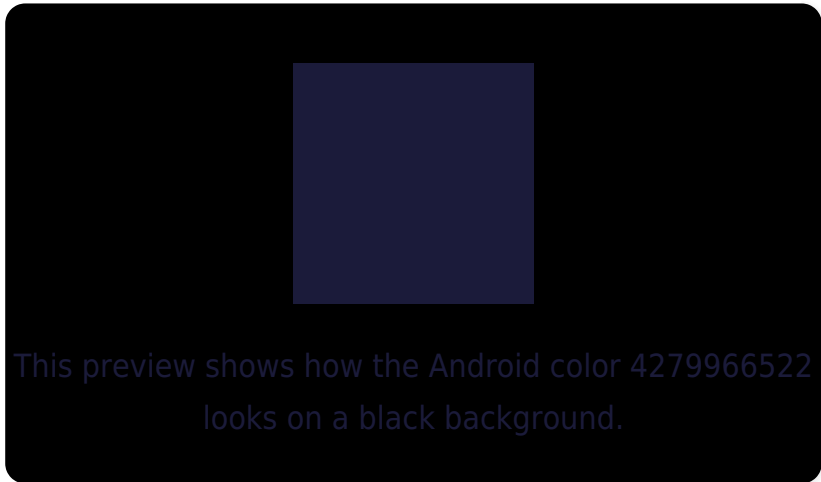
Large Text (above 18pt) WCAG AA ✓ Pass

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

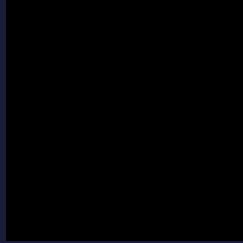
Any Text WCAG AA × Fail

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 4279966522 Background



This preview shows how black text looks on a background with the Android color 4279966522.



This preview shows how white text looks on a background with the Android color 4279966522.

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
4279966522

Protanopia
4278853181

Deuteranopia
4278198071

Trichromacy



Original Color

4279966522

Protanomaly

4279246140

Deuteranomaly

4278853176

Tritanomaly

4279639851

Monochromacy



Original Color

4279966522

Achromatopsia

4280229663

Achromatomaly

4280163881

CSS Examples

Text

The CSS property to change the color of the text to Android 4279966522 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(27, 27, 58)` looks like.

```
.text, #text, p{  
    color:rgb(27, 27, 58)  
}
```

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(27, 27, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 27, 58) }
```

Border

The CSS property to change the border of an element to Android 4279966522 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(27, 27, 58) }
```

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

```
.border{ border-color:rgb(27, 27, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 27, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 27, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 27, 58);  
box-shadow:4px 4px 4px 4px rgb(27, 27, 58)  
}
```

Background

The CSS property to change the background color of an element to Android 4279966522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 27, 58) }
```

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

```
.background{ background-color: rgb(27, 27,  
58) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor