

Converting Colors

Android(4279509586)

Have a look what the booklet for
Android(4279509586) contains.

Android(4279509586)	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(4279509586)

Conversions

Conversions Part 1

Format	Color
Hex	142252
RGB	20, 34, 82
RGB Percent	8%, 13%, 32%
CMY	0.9216, 0.8667, 0.6784
CMYK	0.76, 0.59, 0.00, 0.68
HSL	226°, 61%, 20%
HSV	226°, 76%, 32%
XYZ	2.3835, 1.9020, 8.2241
YIQ	35.2860, -23.7520, 11.9600

Conversions

Conversions Part 2

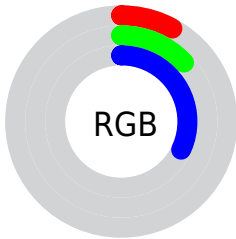
Format	Color
R_{YB}	20, 31, 82
Decimal	1319506
CIE _{Lab}	14.96, 12.88, -31.16
CIE _{LCh}	15, 33.715, 292.468
Yxy	1.9020, 0.1905, 0.1520
Android (android.graphics.Color)	4279509586 (0xFF142252)
YUV	35.2860, 23.0300, -13.4058
Hunter-Lab	13.7912, 6.7152, -25.7027

Details

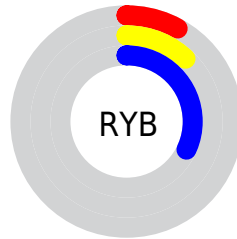
The Android color **4279509586** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4283581460**, and the grayscale version is **4280492835**.

A 20% lighter version of the original color is **4282928772**, and **4278190628** is the 20% darker color. If you saturate the color by 10%, you get **4278983762**, and if you desaturate by 10%, it is **4280035410**.

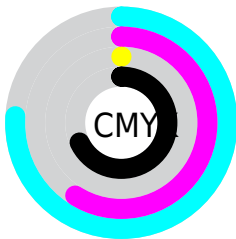
Distribution



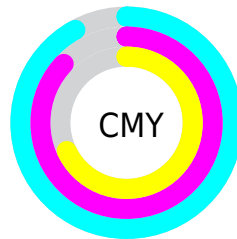
- Red (8%)
- Green (13%)
- Blue (32%)



- Red (8%)
- Yellow (12%)
- Blue (32%)



- Cyan (76%)
- Magenta (59%)
- Yellow (0%)
- Black (68%)



- Cyan (92%)
- Magenta (87%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279509586 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 4279509586 by changing the saturation by 10% instead.

■ 4279509586

■ 4279509586

4294967295

■ 4278193467

■ 4282928772

■ 4278190628

■ 4284638878

■ 4278190349

■ 4286349241

■ 4278190080

■ 4288059861

■ 4289901554

■ 4291743743

■ 4293651455

■ 4279509586

■ 4279509586

■ 4278983762

■ 4280035410

■ 4278457682

■ 4280561490

■ 4278195026

■ 4281152850

■ 4281678674

■ 4282204754

■ 4282730578

■ 4283256402

■ 4283848018

■ 4284373842

Harmonies

Analogous

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



4278200917



4279509586



4282127683

Triad

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



4279509586



4282783488



4278202399

Complementary

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



4279509586



4283581460

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.



4278201858



4279509586



4281672192

Square

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



4279509586



4283304469



4280232448



4278202423

Rectangle

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



4279509586



4282911796



4280232448



4278202134

Sweetspot

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



4279509586



4283586667



4279521860



4280756790



4290098613



4281742902

Same Dimension

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



4279509586



4278853739



4280620114



4280624681



4278196329



4278203624

Inverse Universe

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



4283569186



4285205024



4282470932



4280886566



4285071384



4293394484

Previews

White Background



This preview shows how the Android color 4279509586 looks on a white background.

Color Contrast Check

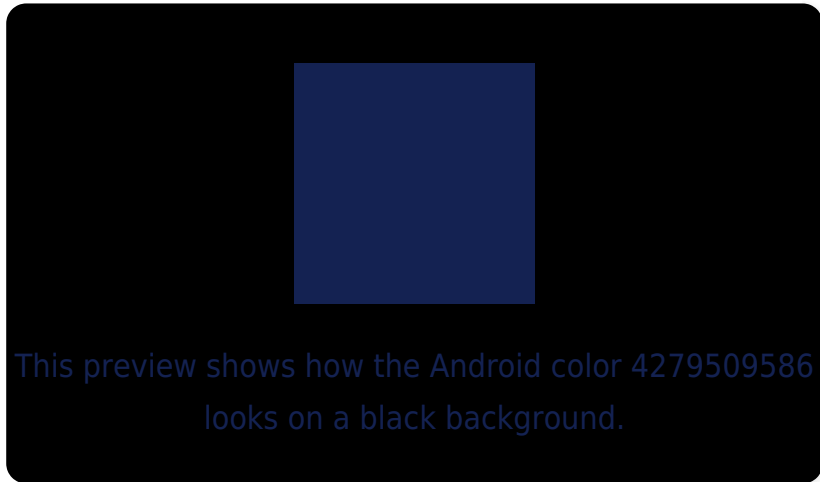
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279509586 Background



This preview shows how black text looks on a background with the Android color 4279509586.



This preview shows how white text looks on a background with the Android color 4279509586.

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
4279509586

Protanopia
4278199630

Deuteranopia
4278200131

Trichromacy



Original Color

4279509586

Protanomaly

4278658127

Deuteranomaly

4278658376

Tritanomaly

4278658874

Monochromacy



Original Color

4279509586

Achromatopsia

4280492835

Achromatomaly

4280165172

CSS Examples

Text

The CSS property to change the color of the text to Android 4279509586 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(20, 34, 82)` looks like.

```
.text, #text, p{  
    color:rgb(20, 34, 82)  
}
```

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(20, 34, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 34, 82) }
```

Border

The CSS property to change the border of an element to Android 4279509586 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(20, 34, 82) }
```

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

```
.border{ border-color:rgb(20, 34, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 34, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 34, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 34, 82);  
box-shadow:4px 4px 4px 4px rgb(20, 34, 82)  
}
```

Background

The CSS property to change the background color of an element to Android 4279509586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 34, 82) }
```

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

```
.background{ background-color: rgb(20, 34,  
82) }
```

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