

Converting Colors

Android(4279580064)

Have a look what the booklet for
Android(4279580064) contains.

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Color

Android(4279580064)

Conversions

Conversions Part 1

Format	Color
Hex	1535A0
RGB	21, 53, 160
RGB Percent	8%, 21%, 63%
CMY	0.9176, 0.7922, 0.3725
CMYK	0.87, 0.67, 0.00, 0.37
HSL	226°, 77%, 35%
HSV	226°, 87%, 63%
XYZ	7.9275, 5.2437, 33.8520
YIQ	55.6300, -53.4190, 26.4930

Conversions

Conversions Part 2

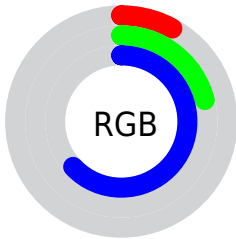
Format	Color
R_{YB}	21, 47, 160
Decimal	1389984
CIE _{Lab}	27.42, 31.31, -60.63
CIE _{LCh}	27, 68.239, 297.314
Yxy	5.2437, 0.1686, 0.1115
Android (android.graphics.Color)	4279580064 (0xFF1535A0)
YUV	55.6300, 51.4544, -30.3705
Hunter-Lab	22.8991, 21.7220, -71.6196

Details

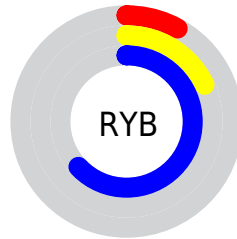
The Android color `4279580064` is a dark color, and the websafe version is hex `003399`. A complement of this color would be `4288708629`, and the grayscale version is `4281808695`.

A 20% lighter version of the original color is `4284376024`, and `4278193515` is the 20% darker color. If you saturate the color by 10%, you get `4278528416`, and if you desaturate by 10%, it is `4280631712`.

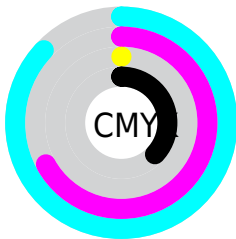
Distribution



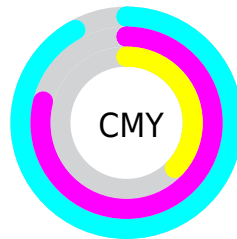
- Red (8%)
- Green (21%)
- Blue (63%)



- Red (8%)
- Yellow (18%)
- Blue (63%)



- Cyan (87%)
- Magenta (67%)
- Yellow (0%)
- Black (37%)



- Cyan (92%)
- Magenta (79%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279580064 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 4279580064 by changing the saturation by 10% instead.

 4279580064

 4279580064

4294967295

 4278198405

 4284376024

 4278193515

 4286348533

 4278190162

 4288255743

 4278191418

 4290228735

 4278190627

 4292136191

 4278190091

 4294109695

 4278190080

 4279580064

 4279580064

 4278528416

 4280631712

■ 4278199712

■ 4281683616

■ 4282735264

■ 4283786912

■ 4284838816

■ 4285890464

■ 4286942112

■ 4287994016

■ 4289045664

Harmonies

Analogous

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



4278209196



4279580064



4285988986

Triad

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



4279580064



4286193920



4278211642

Complementary

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



4279580064



4288708629

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.



4278210816



4279580064



4283710976

Square

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



4279580064



4287758357



4280175360



4278211952

Rectangle

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



4279580064



4287561817



4280175360



4278211368

Sweetspot

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



4279580064



4288391121



4279607424



4282929257



4293454056



4285098345

Same Dimension

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



4279580064



4278202577



4281996704



4282861903



4278198671



4278191119

Inverse Universe

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



4288681269



4291887152



4286291989



4283385673



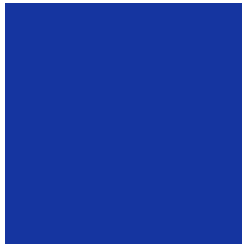
4287561761



4279173124

Previews

White Background



This preview shows how the Android color 4279580064 looks on a white background.

Color Contrast Check

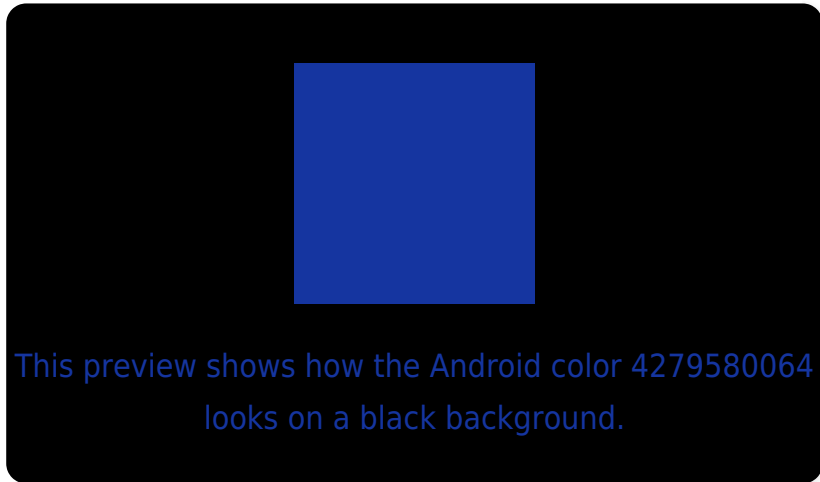
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279580064 Background



This preview shows how black text looks on a background with the Android color 4279580064.



This preview shows how white text looks on a background with the Android color 4279580064.

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

4279580064

Protanopia

4278206340

Deuteranopia

4278207345

Trichromacy



Original Color
4279580064

Protanomaly
4278729614

Deuteranomaly
4278730370

Tritanomaly
4278731115

Monochromacy



Original Color
4279580064

Achromatopsia
4281874488

Achromatomaly
4281022302

CSS Examples

Text

The CSS property to change the color of the text to Android 4279580064 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(21, 53, 160)` looks like.

```
.text, #text, p{  
    color:rgb(21, 53, 160)  
}
```

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(21, 53, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 53, 160) }
```

Border

The CSS property to change the border of an element to Android 4279580064 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(21, 53, 160) }
```

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

```
.border{ border-color:rgb(21, 53, 160) }
```

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

Here you see how a box with a 4 pixel rgb(21, 53, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 53, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 53, 160);  
box-shadow:4px 4px 4px 4px rgb(21, 53,  
160) }
```

Background

The CSS property to change the background color of an element to Android 4279580064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 53, 160) }
```

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

```
.background{ background-color: rgb(21, 53,  
160) }
```

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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