

Converting Colors

Android(4279646080)

Have a look what the booklet for
Android(4279646080) contains.

Android(4279646080)	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(4279646080)

Conversions

Conversions Part 1

Format	Color
Hex	163780
RGB	22, 55, 128
RGB Percent	9%, 22%, 50%
CMY	0.9137, 0.7843, 0.4980
CMYK	0.83, 0.57, 0.00, 0.50
HSL	221°, 71%, 29%
HSV	221°, 83%, 50%
XYZ	5.5933, 4.4615, 20.9884
YIQ	53.4550, -43.1010, 15.7070

Conversions

Conversions Part 2

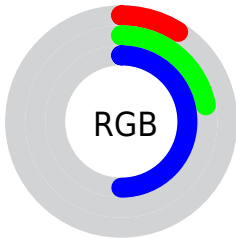
Format	Color
R_{YB}	22, 47, 128
Decimal	1456000
CIE _{Lab}	25.14, 17.15, -44.60
CIE _{LCh}	25, 47.781, 291.031
Yxy	4.4615, 0.1802, 0.1437
Android (android.graphics.Color)	4279646080 (0xFF163780)
YUV	53.4550, 36.7507, -27.5860
Hunter-Lab	21.1222, 10.3046, -44.1290

Details

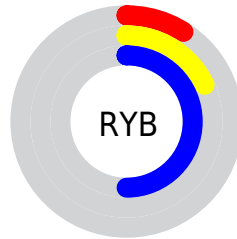
The Android color **4279646080** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4286603030**, and the grayscale version is **4281677109**.

A 20% lighter version of the original color is **4283786678**, and **4278193742** is the 20% darker color. If you saturate the color by 10%, you get **4278791808**, and if you desaturate by 10%, it is **4280500352**.

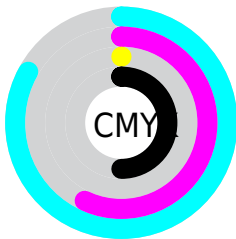
Distribution



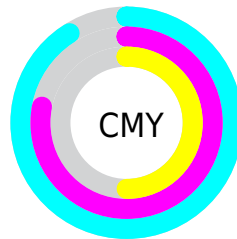
- Red (9%)
- Green (22%)
- Blue (50%)



- Red (9%)
- Yellow (18%)
- Blue (50%)



- Cyan (83%)
- Magenta (57%)
- Yellow (0%)
- Black (50%)



- Cyan (91%)
- Magenta (78%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279646080 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 4279646080 by changing the saturation by 10% instead.

■ 4279646080

■ 4279646080

4294967295

■ 4278198886

■ 4283786678

■ 4278193742

■ 4285628113

■ 4278191414

■ 4287469806

■ 4278190624

■ 4289311743

■ 4278190084

■ 4291153663

■ 4278190080

■ 4293061375

■ 4279646080

■ 4279646080

■ 4278791808

■ 4280500352

■ 4278200448

■ 4281354624

■ 4282143104

■ 4282997376

■ 4283851648

■ 4284705920

■ 4285560192

■ 4286348928

■ 4287202944

Harmonies

Analogous

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



4278207364



4279646080



4284162922

Triad

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



4279646080



4285277440



4278209071

Complementary

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



4279646080



4286603030

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.



4278208262



4279646080



4283643392

Square

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



4279646080



4286123300



4281549056



4278209365

Rectangle

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



4279646080



4285469268



4281549056



4278209058

Sweetspot

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



4279646080



4286351782



4279664734



4282073940



4292138196



4283716692

Same Dimension

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



4279646080



4278334886



4280882816



4281940800



4278200448



4278190080

Inverse Universe

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



4286584375



4289069621



4285366294



4282399035



4286578728



4278190080

Previews

White Background



This preview shows how the Android color 4279646080 looks on a white background.

Color Contrast Check

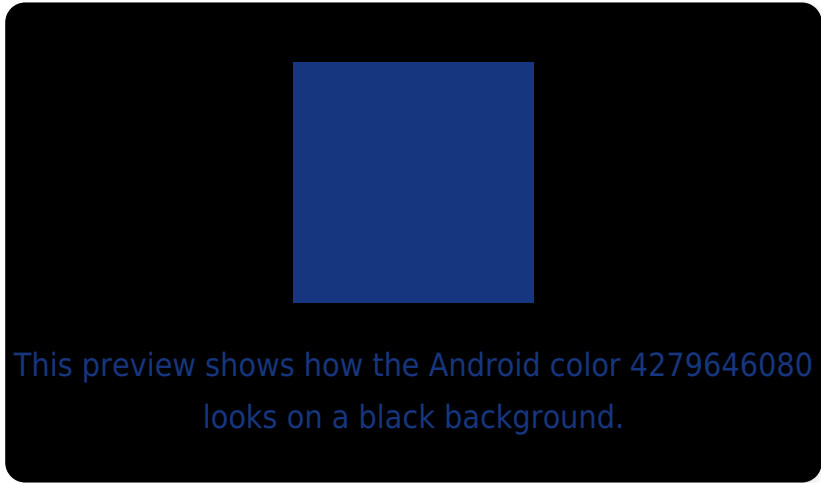
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279646080 Background



This preview shows how black text looks on a background with the Android color 4279646080.



This preview shows how white text looks on a background with the Android color 4279646080.

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

4279646080

Protanopia

4278205050

Deuteranopia

4278205801

Trichromacy



Original Color
4279646080

Protanomaly
4278729084

Deuteranomaly
4278729585

Tritanomaly
4278730332

Monochromacy



Original Color
4279646080

Achromatopsia
4281677109

Achromatomaly
4280956496

CSS Examples

Text

The CSS property to change the color of the text to Android 4279646080 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(22, 55, 128)` looks like.

```
.text, #text, p{  
    color:rgb(22, 55, 128)  
}
```

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(22, 55, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 55, 128) }
```

Border

The CSS property to change the border of an element to Android 4279646080 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(22, 55, 128) }
```

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

```
.border{ border-color:rgb(22, 55, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 55, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 55, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 55, 128);  
box-shadow:4px 4px 4px 4px rgb(22, 55,  
128) }
```

Background

The CSS property to change the background color of an element to Android 4279646080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 55, 128) }
```

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

```
.background{ background-color: rgb(22, 55,  
128) }
```

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