

Converting Colors

Android(4279656074)

Have a look what the booklet for
Android(4279656074) contains.

Android(4279656074)	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(4279656074)

Conversions

Conversions Part 1

Format	Color
Hex	165E8A
RGB	22, 94, 138
RGB Percent	9%, 37%, 54%
CMY	0.9137, 0.6314, 0.4588
CMYK	0.84, 0.32, 0.00, 0.46
HSL	203°, 72%, 31%
HSV	203°, 84%, 54%
XYZ	8.9210, 10.0110, 25.5069
YIQ	77.4880, -57.0360, -1.5800

Conversions

Conversions Part 2

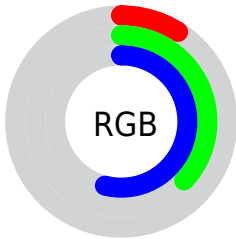
Format	Color
R_{YB}	22, 66, 138
Decimal	1465994
CIE _{Lab}	37.86, -4.94, -30.42
CIE _{LCh}	38, 30.822, 260.785
Yxy	10.0110, 0.2007, 0.2253
Android (android.graphics.Color)	4279656074 (0xFF165E8A)
YUV	77.4880, 29.8324, -48.6630
Hunter-Lab	31.6401, -5.0415, -25.6490

Details

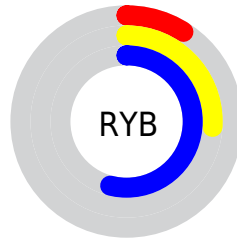
The Android color `4279656074` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4287250966`, and the grayscale version is `4283256141`.

A 20% lighter version of the original color is `4283928768`, and `4278202456` is the 20% darker color. If you saturate the color by 10%, you get `4278737290`, and if you desaturate by 10%, it is `4280574858`.

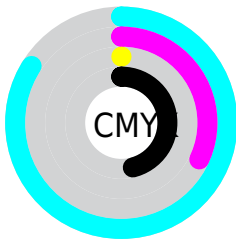
Distribution



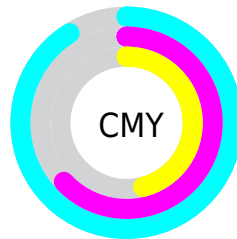
- Red (9%)
- Green (37%)
- Blue (54%)



- Red (9%)
- Yellow (26%)
- Blue (54%)



- Cyan (84%)
- Magenta (32%)
- Yellow (0%)
- Black (46%)



- Cyan (91%)
- Magenta (63%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279656074 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 4279656074 by changing the saturation by 10% instead.

■ 4279656074

■ 4279656074

4294967295

■ 4278208368

■ 4283928768

■ 4278202456

■ 4285770716

■ 4278197312

■ 4287612664

■ 4278190890

■ 4289520383

■ 4278190356

■ 4291428095

■ 4278190080

■ 4293328895

■ 4279656074

■ 4279656074

■ 4278737290

■ 4280574858

■ 4278212234

■ 4281493642

■ 4282347146

■ 4283265930

■ 4284184714

■ 4285103498

■ 4286022538

■ 4286875786

■ 4287794570

Harmonies

Analogous

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



4278215551



4279656074



4283389576

Triad

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



4279656074



4287120713



4282016313

Complementary

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



4279656074



4287250966

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.



4283915561



4279656074



4286598195

Square

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



4279656074



4286793058



4285486375



4278740304

Rectangle

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



4279656074



4284960639



4285486375



4282671410

Sweetspot

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



4279656074



4287013555



4279667265



4282273625



4292467161



4284045657

Same Dimension

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



4279656074



4278218675



4279641482



4282270277



4278211205



4278190853

Inverse Universe

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



4287239774



4289921135



4287265558



4282728002



4286906450



4278517763

Previews

White Background



This preview shows how the Android color 4279656074 looks on a white background.

Color Contrast Check

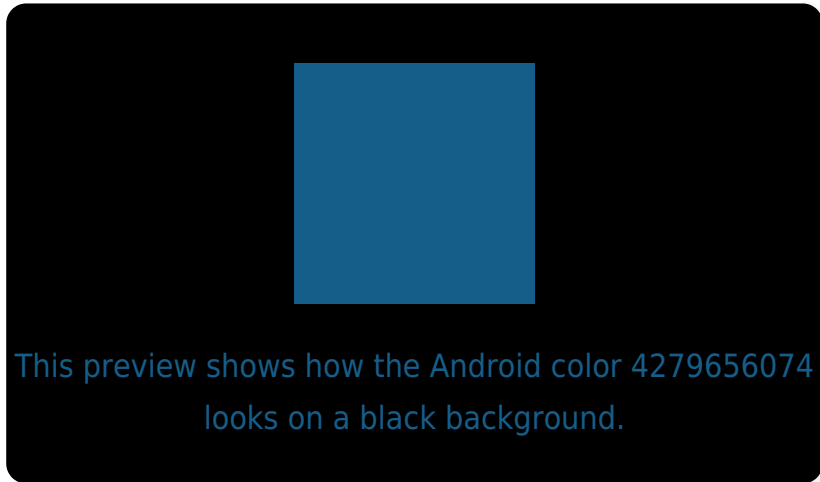
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 4279656074 Background



This preview shows how black text looks on a background with the Android color 4279656074.



This preview shows how white text looks on a background with the Android color 4279656074.

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
4279656074

Protanopia
4283062148

Deuteranopia
4282276235

Trichromacy



Original Color
4279656074

Protanomaly
4281817734

Deuteranomaly
4281293707

Tritanomaly
4278739318

Monochromacy



Original Color
4279656074

Achromatopsia
4283256141

Achromatomaly
4281946979

CSS Examples

Text

The CSS property to change the color of the text to Android 4279656074 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, 94, 138)` looks like.

```
.text, #text, p{  
    color:rgb(22, 94, 138)  
}
```

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, 94, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 94, 138) }
```

Border

The CSS property to change the border of an element to Android 4279656074 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, 94, 138) }
```

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

```
.border{ border-color:rgb(22, 94, 138) }
```

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

Here you see how a box with a 4 pixel rgb(22, 94, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 94, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 94, 138);  
box-shadow:4px 4px 4px 4px rgb(22, 94,  
138) }
```

Background

The CSS property to change the background color of an element to Android 4279656074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 94, 138) }
```

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

```
.background{ background-color: rgb(22, 94,  
138) }
```

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