

Converting Colors

Android(4279920768)

Have a look what the booklet for
Android(4279920768) contains.

Android(4279920768)	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(4279920768)

Conversions

Conversions Part 1

Format	Color
Hex	1A6880
RGB	26, 104, 128
RGB Percent	10%, 41%, 50%
CMY	0.8980, 0.5922, 0.4980
CMYK	0.80, 0.19, 0.00, 0.50
HSL	194°, 66%, 30%
HSV	194°, 80%, 50%
XYZ	9.2726, 11.6788, 22.1876
YIQ	83.4140, -54.1920, -9.0720

Conversions

Conversions Part 2

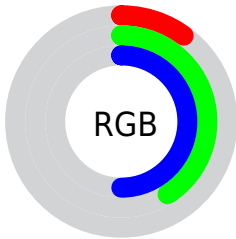
Format	Color
R_{YB}	26, 70, 128
Decimal	1730688
CIE _{Lab}	40.70, -14.23, -19.93
CIE _{LCh}	41, 24.488, 234.484
Yxy	11.6788, 0.2149, 0.2707
Android (android.graphics.Color)	4279920768 (0xFF1A6880)
YUV	83.4140, 21.9809, -50.3521
Hunter-Lab	34.1742, -11.3718, -14.5721

Details

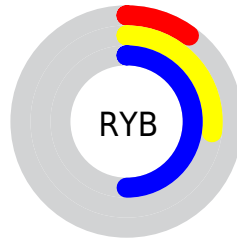
The Android color `4279920768` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4286591514`, and the grayscale version is `4283650899`.

A 20% lighter version of the original color is `4283997109`, and `4278204751` is the 20% darker color. If you saturate the color by 10%, you get `4279068032`, and if you desaturate by 10%, it is `4280773504`.

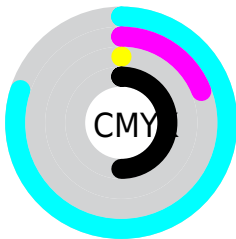
Distribution



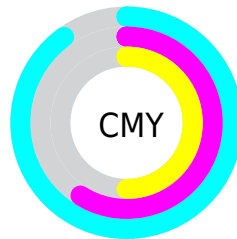
- Red (10%)
- Green (41%)
- Blue (50%)



- Red (10%)
- Yellow (27%)
- Blue (50%)



- Cyan (80%)
- Magenta (19%)
- Yellow (0%)
- Black (50%)



- Cyan (90%)
- Magenta (59%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279920768 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 4279920768 by changing the saturation by 10% instead.

■ 4279920768

■ 4279920768

4294967295

■ 4278210663

■ 4283997109

■ 4278204751

■ 4285773520

■ 4278199096

■ 4287615725

■ 4278191907

■ 4289523455

■ 4278190089

■ 4291362815

■ 4278190080

■ 4293263359

■ 4279920768

■ 4279920768

■ 4279068032

■ 4280773504

■ 4278215296

■ 4281626240

■ 4282413440

■ 4283266176

■ 4284118912

■ 4284971648

■ 4285824384

■ 4286611584

■ 4287464320

Harmonies

Analogous

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



4279265904



4279920768



4282213256

Triad

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



4279920768



4286861668



4284245051

Complementary

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



4279920768



4286591514

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.



4285619512



4279920768



4287058256

Square

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



4279920768



4285945207



4286601024



4282738760

Rectangle

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



4279920768



4283654023



4286601024



4284768825

Sweetspot

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



4279920768



4286487718



4279926834



4282142292



4292138196



4283716692

Same Dimension

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



4279920768



4278681766



4279907712



4281941568



4278215296



4278190080

Inverse Universe

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



4286585448



4289070976



4286604570



4282399038



4286578785



4278190080

Previews

White Background



This preview shows how the Android color 4279920768 looks on a white background.

Color Contrast Check

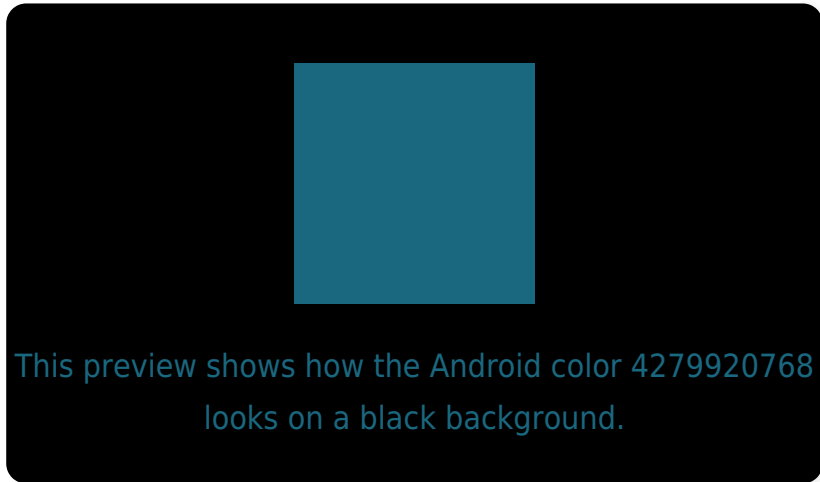
Large Text (above 18pt) WCAG AA ✓ Pass

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

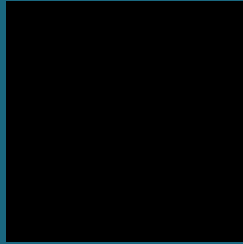
Any Text WCAG AA × Fail

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 4279920768 Background



This preview shows how black text looks on a background with the Android color 4279920768.

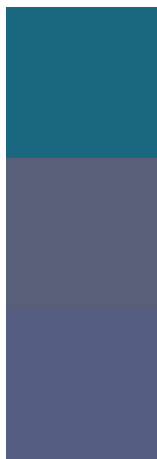


This preview shows how white text looks on a background with the Android color 4279920768.

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

4279920768

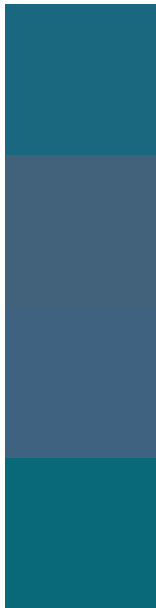
Protanopia

4284047225

Deuteranopia

4283784834

Trichromacy



Original Color
4279920768

Protanomaly
4282540668

Deuteranomaly
4282409601

Tritanomaly
4278806904

Monochromacy



Original Color
4279920768

Achromatopsia
4283650899

Achromatomaly
4282276707

CSS Examples

Text

The CSS property to change the color of the text to Android 4279920768 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(26, 104, 128)` looks like.

```
.text, #text, p{  
    color:rgb(26, 104, 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(26, 104, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 104, 128) }
```

Border

The CSS property to change the border of an element to Android 4279920768 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(26, 104, 128) }
```

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

```
.border{ border-color:rgb(26, 104, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 104, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 104, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 104, 128);  
box-shadow:4px 4px 4px 4px rgb(26, 104,  
128) }
```

Background

The CSS property to change the background color of an element to Android 4279920768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 104, 128) }
```

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

```
.background{ background-color: rgb(26, 104,  
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