

Converting Colors

Android(4279333524)

Have a look what the booklet for
Android(4279333524) contains.

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Color

Android(4279333524)

Conversions

Conversions Part 1

Format	Color
Hex	117294
RGB	17, 114, 148
RGB Percent	7%, 45%, 58%
CMY	0.9333, 0.5529, 0.4196
CMYK	0.89, 0.23, 0.00, 0.42
HSL	196°, 79%, 32%
HSV	196°, 89%, 58%
XYZ	11.5938, 14.2919, 30.1645
YIQ	88.8730, -68.7260, -9.9900

Conversions

Conversions Part 2

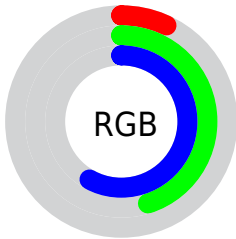
Format	Color
RYB	17, 73, 148
Decimal	1143444
CIELab	44.65, -13.45, -25.81
CIELCh	45, 29.105, 242.483
Yxy	14.2919, 0.2068, 0.2550
Android (android.graphics.Color)	4279333524 (0xFF117294)
YUV	88.8730, 29.1496, -63.0326
Hunter-Lab	37.8047, -11.4165, -20.8446

Details

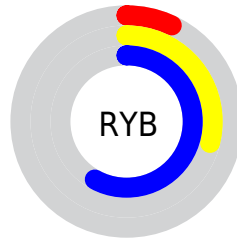
The Android color `4279333524` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4287902481`, and the grayscale version is `4284045657`.

A 20% lighter version of the original color is `4284065482`, and `4278207073` is the 20% darker color. If you saturate the color by 10%, you get `4278349460`, and if you desaturate by 10%, it is `4280317588`.

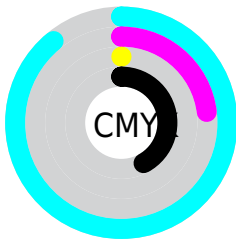
Distribution



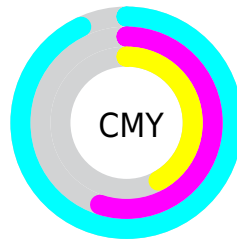
- Red (7%)
- Green (45%)
- Blue (58%)



- Red (7%)
- Yellow (29%)
- Blue (58%)



- Cyan (89%)
- Magenta (23%)
- Yellow (0%)
- Black (42%)



- Cyan (93%)
- Magenta (55%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279333524 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 4279333524 by changing the saturation by 10% instead.

 4279333524

 4279333524

4294967295

 4278212986

 4284065482

 4278207073

 4285972966


 4278201417

 4287815167

 4278196274

 4289723135

 4278190621

 4291624959

 4278190080

 4293591039

 4279333524

 4279333524

 4278349460

 4280317588

■ 4278218388

■ 4281301652

■ 4282220180

■ 4283203988

■ 4284188052

■ 4285172116

■ 4286156180

■ 4287074708

■ 4288058772

Harmonies

Analogous

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



4278220419



4279333524



4282936218

Triad

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



4279333524



4288108136



4284379200

Complementary

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



4279333524



4287902481

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.



4286015800



4279333524



4288108881

Square

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



4279333524



4287257216



4287324223



4282414162

Rectangle

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



4279333524



4284704406



4287324223



4284968508

Sweetspot

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



4279333524



4287410879



4279342130



4282538337



4292927712



4284572001

Same Dimension

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



4279333524



4278226623



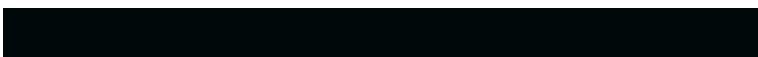
4279317140



4282599498



4278216330



4278192138

Inverse Universe

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



4287893874



4290707598



4287918865



4283056968



4287234150



4278845448

Previews

White Background



This preview shows how the Android color 4279333524 looks on a white background.

Color Contrast Check

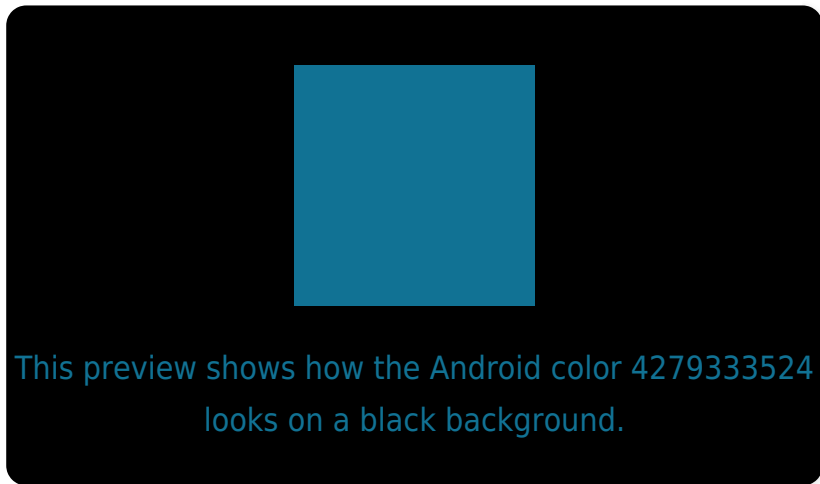
Large Text (above 18pt) WCAG AA ✓ Pass

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

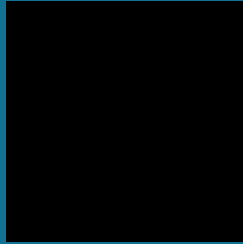
Any Text WCAG AA × Fail

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 4279333524 Background



This preview shows how black text looks on a background with the Android color 4279333524.

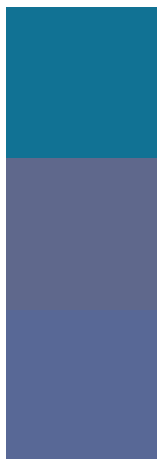


This preview shows how white text looks on a background with the Android color 4279333524.

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

4279333524

Protanopia

4284442764

Deuteranopia

4283984022

Trichromacy



Original Color
4279333524

Protanomaly
4282608783

Deuteranomaly
4282281109

Tritanomaly
4278613126

Monochromacy



Original Color
4279333524

Achromatopsia
4284045657

Achromatomaly
4282344046

CSS Examples

Text

The CSS property to change the color of the text to Android 4279333524 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(17, 114, 148)` looks like.

```
.text, #text, p{  
    color:rgb(17, 114, 148)  
}
```

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(17, 114, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 114, 148) }
```

Border

The CSS property to change the border of an element to Android 4279333524 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(17, 114, 148) }
```

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

```
.border{ border-color:rgb(17, 114, 148) }
```

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

Here you see how a box with a 4 pixel rgb(17, 114, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 114, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 114, 148);  
box-shadow:4px 4px 4px 4px rgb(17, 114,  
148) }
```

Background

The CSS property to change the background color of an element to Android 4279333524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 114, 148) }
```

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

```
.background{ background-color: rgb(17, 114,  
148) }
```

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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