

Converting Colors

Android(4279258227)

Have a look what the booklet for
Android(4279258227) contains.

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Color

Android(4279258227)

Conversions

Conversions Part 1

Format	Color
Hex	104C73
RGB	16, 76, 115
RGB Percent	6%, 30%, 45%
CMY	0.9373, 0.7020, 0.5490
CMYK	0.86, 0.34, 0.00, 0.55
HSL	204°, 76%, 26%
HSV	204°, 86%, 45%
XYZ	5.8926, 6.5168, 17.1670
YIQ	62.5060, -48.2790, -0.5910

Conversions

Conversions Part 2

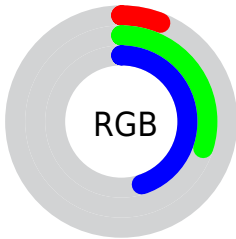
Format	Color
RYB	16, 53, 115
Decimal	1068147
CIELab	30.68, -3.32, -27.56
CIElCh	31, 27.761, 263.135
Yxy	6.5168, 0.1992, 0.2203
Android (android.graphics.Color)	4279258227 (0xFF104C73)
YUV	62.5060, 25.8795, -40.7858
Hunter-Lab	25.5281, -3.4712, -22.0012

Details

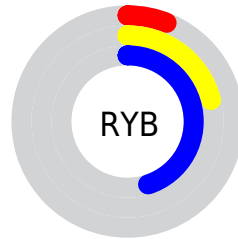
The Android color `4279258227` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4285740816`, and the grayscale version is `4282269246`.

A 20% lighter version of the original color is `4283334055`, and `4278198339` is the 20% darker color. If you saturate the color by 10%, you get `4278470515`, and if you desaturate by 10%, it is `4279980403`.

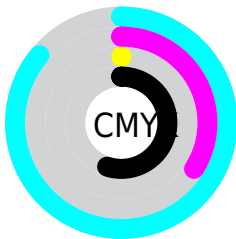
Distribution



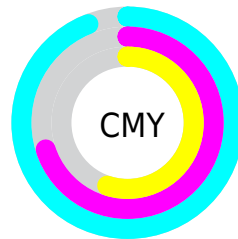
- Red (6%)
- Green (30%)
- Blue (45%)



- Red (6%)
- Yellow (21%)
- Blue (45%)



- Cyan (86%)
- Magenta (34%)
- Yellow (0%)
- Black (55%)



- Cyan (94%)
- Magenta (70%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279258227 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 4279258227 by changing the saturation by 10% instead.



4279258227



4279258227

4294967295



4278203738



4283334055



4278198339



4285109955



4278192172



4286951903



4278190359



4288728315



4278190080



4290636287



4292476927



4294443007



4279258227



4279258227

■ 4278470515

■ 4279980403

■ 4278208115

■ 4280767859

■ 4281490035

■ 4282277491

■ 4282999667

■ 4283787123

■ 4284574835

■ 4285296755

■ 4286084467

Harmonies

Analogous

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



4278210922



4279258227



4282533232

Triad

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



4279258227



4285609784



4280963373

Complementary

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



4279258227



4285740816

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.



4282666015



4279258227



4285087014

Square

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



4279258227



4285412942



4284040476



4278211394

Rectangle

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



4279258227



4283842408



4284040476



4281618215

Sweetspot

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



4279258227



4285499286



4279268150



4281680717



4291611852



4283256141

Same Dimension

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



4279258227



4278213526



4279245939



4281677883



4278209146



4278228986

Inverse Universe

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



4285730892



4288020571



4285753104



4282070328



4286185546



4294574231

Previews

White Background



This preview shows how the Android color 4279258227 looks on a white background.

Color Contrast Check

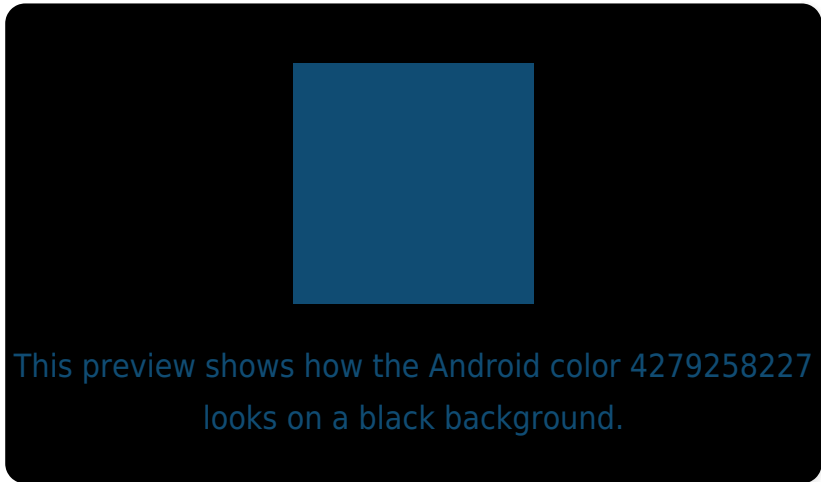
Large Text (above 18pt) WCAG AA ✓ Pass

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

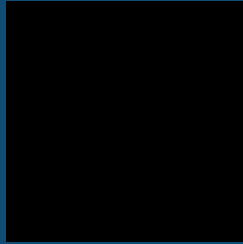
Any Text WCAG AA × Fail

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 4279258227 Background



This preview shows how black text looks on a background with the Android color 4279258227.



This preview shows how white text looks on a background with the Android color 4279258227.

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

4279258227

Protanopia

4282009455

Deuteranopia

4281288820

Trichromacy



Original Color

4279258227

Protanomaly

4281026928

Deuteranomaly

4280568180

Tritanomaly

4278603617

Monochromacy



Original Color

4279258227

Achromatopsia

4282335039

Achromatomaly

4281222226

CSS Examples

Text

The CSS property to change the color of the text to Android 4279258227 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(16, 76, 115)` looks like.

```
.text, #text, p{  
    color:rgb(16, 76, 115)  
}
```

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(16, 76, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 76, 115) }
```

Border

The CSS property to change the border of an element to Android 4279258227 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(16, 76, 115) }
```

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

```
.border{ border-color:rgb(16, 76, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 76, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 76, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 76, 115);  
box-shadow:4px 4px 4px 4px rgb(16, 76,  
115) }
```

Background

The CSS property to change the background color of an element to Android 4279258227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 76, 115) }
```

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

```
.background{ background-color: rgb(16, 76,  
115) }
```

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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