

# Converting Colors

Android(4279265962)

Have a look what the booklet for  
Android(4279265962) contains.

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# Color

**Android(4279265962)**

# Conversions

## Conversions Part 1

Format	Color
Hex	106AAA
RGB	16, 106, 170
RGB Percent	6%, 42%, 67%
CMY	0.9373, 0.5843, 0.3333
CMYK	0.91, 0.38, 0.00, 0.33
HSL	205°, 83%, 36%
HSV	205°, 91%, 67%
XYZ	12.6234, 13.3205, 39.9360
YIQ	86.3860, -74.1840, 0.8240

# Conversions

## Conversions Part 2

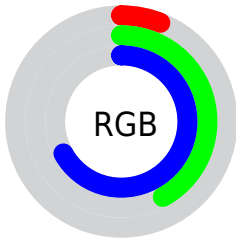
<b>Format</b>	<b>Color</b>
<b>RYB</b>	16, 73, 170
Decimal	1075882
CIELab	43.24, -0.25, -41.02
CIELCh	43, 41.022, 269.649
Yxy	13.3205, 0.1916, 0.2022
Android (android.graphics.Color)	4279265962 (0xFF106AAA)
YUV	86.3860, 41.2217, -61.7285
Hunter-Lab	36.4973, -2.1319, -39.3281

# Details

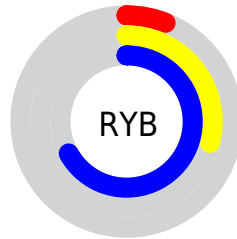
The Android color `4279265962` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4289351696`, and the grayscale version is `4283848278`.

A 20% lighter version of the original color is `4284325346`, and `4278205301` is the 20% darker color. If you saturate the color by 10%, you get `4278215594`, and if you desaturate by 10%, it is `4280381866`.

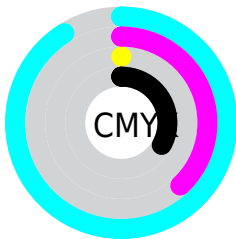
# Distribution



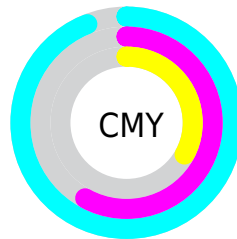
- Red (6%)
- Green (42%)
- Blue (67%)



- Red (6%)
- Yellow (29%)
- Blue (67%)



- Cyan (91%)
- Magenta (38%)
- Yellow (0%)
- Black (33%)



- Cyan (94%)
- Magenta (58%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279265962 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 4279265962 by changing the saturation by 10% instead.





4279265962



4279265962

4294967295



4278211215



4284325346



4278205301



4286298367



4278199900



4288205823



4278194500



4290179071



4278190893



4292083711



4278190360



4294049791



4278190080



4279265962



4279265962



4278215594



4280381866

■ 4281497770

■ 4282613674

■ 4283729578

■ 4284845482

■ 4285961386

■ 4287077290

■ 4288193450

■ 4289309354

# Harmonies

## Analogous

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



4278219424



4279265962



4284898721

# Triad

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



4279265962



4288891975



4280841282

# Complementary

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



4279265962



4289351696

# 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.



4283919911



4279265962



4287846443

# Square

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



4279265962



4288890984



4286145566



4278220645

# Rectangle

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



4279265962



4286862482



4286145566



4282085944



# Sweetspot

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



4279265962



4288857566



4279282254



4283195760



4293980400



4285558896



# Same Dimension

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



4279265962



4278223582



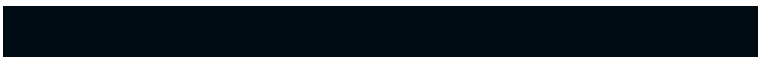
4279246762



4283191636



4278212244



4278193172



# Inverse Universe

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



4289335402



4292739202



4289370896



4283714641



4287889494



4279500812



# Previews

## White Background



This preview shows how the Android color 4279265962 looks on a white background.

## Color Contrast Check

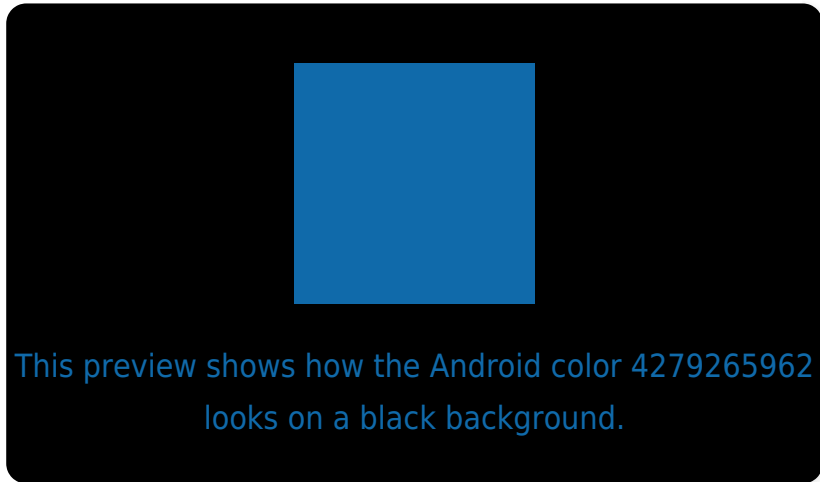
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279265962 Background



This preview shows how black text looks on a background with the Android color 4279265962.



This preview shows how white text looks on a background with the Android color 4279265962.

# 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**

4279265962

**Protanopia**

4283262116

**Deuteranopia**

4281755563



# Trichromacy



**Original Color**  
4279265962

**Protanomaly**  
4281820838

**Deuteranomaly**  
4280838315

**Tritanomaly**  
4278611595

# Monochromacy



**Original Color**  
4279265962

**Achromatopsia**  
4283848278

**Achromatomaly**  
4282211701

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279265962 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, 106, 170)` looks like.

```
.text, #text, p{  
    color:rgb(16, 106, 170)  
}
```

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, 106, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 106, 170) }
```

## Border

The CSS property to change the border of an element to Android 4279265962 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, 106, 170) }
```

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

```
.border{ border-color:rgb(16, 106, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 106, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 106, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 106, 170);  
box-shadow:4px 4px 4px 4px rgb(16, 106,  
170) }
```

# Background

The CSS property to change the background color of an element to Android 4279265962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 106, 170) }
```

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

```
.background{ background-color: rgb(16, 106,  
170) }
```

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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