

# Converting Colors

Android(4279393673)

Have a look what the booklet for  
Android(4279393673) contains.

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# Color

**Android(4279393673)**

# Conversions

## Conversions Part 1

Format	Color
Hex	125D89
RGB	18, 93, 137
RGB Percent	7%, 36%, 54%
CMY	0.9294, 0.6353, 0.4627
CMYK	0.87, 0.32, 0.00, 0.46
HSL	202°, 77%, 30%
HSV	202°, 87%, 54%
XYZ	8.6792, 9.7634, 25.0940
YIQ	75.5910, -58.8240, -2.2160

# Conversions

## Conversions Part 2

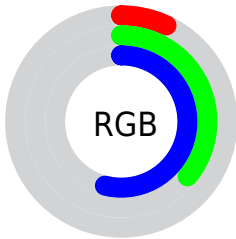
<b>Format</b>	<b>Color</b>
<b>RYB</b>	18, 64, 137
Decimal	1203593
CIELab	37.41, -5.08, -30.53
CIELCh	37, 30.947, 260.554
Yxy	9.7634, 0.1994, 0.2243
Android (android.graphics.Color)	4279393673 (0xFF125D89)
YUV	75.5910, 30.2746, -50.5073
Hunter-Lab	31.2465, -5.1005, -25.7431

# Details

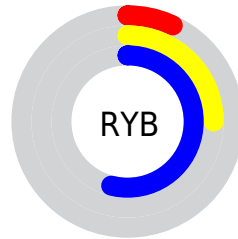
The Android color `4279393673` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4287184402`, and the grayscale version is `4283124555`.

A 20% lighter version of the original color is `4283797439`, and `4278202199` is the 20% darker color. If you saturate the color by 10%, you get `4278474889`, and if you desaturate by 10%, it is `4280312457`.

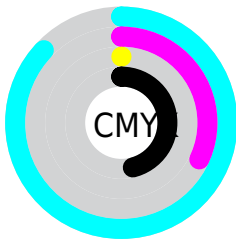
# Distribution



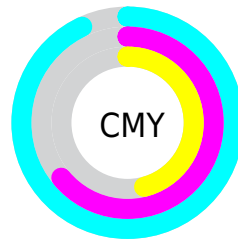
- Red (7%)
- Green (36%)
- Blue (54%)



- Red (7%)
- Yellow (25%)
- Blue (54%)



- Cyan (87%)
- Magenta (32%)
- Yellow (0%)
- Black (46%)



- Cyan (93%)
- Magenta (64%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279393673 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 4279393673 by changing the saturation by 10% instead.





4279393673



4279393673

4294967295



4278208111



4283797439



4278202199



4285639131



4278197055



4287546871



4278190889



4289389055



4278190355



4291296767



4278190080



4293197823



4279393673



4279393673



4278474889



4280312457

■ 4278212233

■ 4281165705

■ 4282084489

■ 4283003273

■ 4283922057

■ 4284775305

■ 4285694089

■ 4286613129

■ 4287466377

# Harmonies

## Analogous

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



4278215294



4279393673



4283258247

# Triad

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



4279393673



4287054920



4281950519

# Complementary

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



4279393673



4287184402

# 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.



4283849767



4279393673



4286532402

# Square

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



4279393673



4286727265



4285420582



4278543439

# Rectangle

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



4279393673



4284894846



4285420582



4282605617



# Sweetspot

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



4279393673



4286882227



4279404862



4282273625



4292467161



4284045657



# Same Dimension

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



4279393673



4278218931



4279378569



4282270277



4278211717



4278190853



# Inverse Universe

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



4287173213



4289921136



4287199506



4282728002



4286906452



4278517763



# Previews

## White Background



This preview shows how the Android color 4279393673 looks on a white background.

## Color Contrast Check

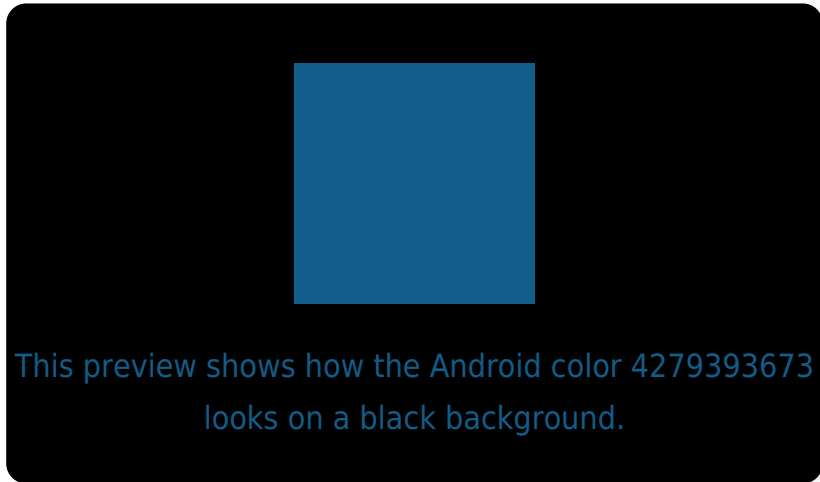
Large Text (above 18pt) WCAG AA ✓ Pass

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

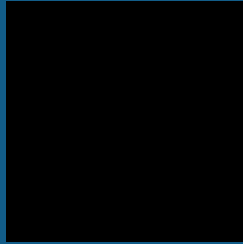
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4279393673 Background



This preview shows how black text looks on a background with the Android color 4279393673.



This preview shows how white text looks on a background with the Android color 4279393673.

# 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**

4279393673

**Protanopia**

4282930819

**Deuteranopia**

4282144906



# Trichromacy



**Original Color**  
4279393673

**Protanomaly**  
4281620869

**Deuteranomaly**  
4281162378

**Tritanomaly**  
4278673525

# Monochromacy



**Original Color**  
4279393673

**Achromatopsia**  
4283190348

**Achromatomaly**  
4281815650

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279393673 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(18, 93, 137)` looks like.

```
.text, #text, p{  
    color:rgb(18, 93, 137)  
}
```

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(18, 93, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 93, 137) }
```

## Border

The CSS property to change the border of an element to Android 4279393673 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(18, 93, 137) }
```

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

```
.border{ border-color:rgb(18, 93, 137) }
```

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

Here you see how a box with a 4 pixel rgb(18, 93, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 93, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 93, 137);  
box-shadow:4px 4px 4px 4px rgb(18, 93,  
137) }
```

# Background

The CSS property to change the background color of an element to Android 4279393673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 93, 137) }
```

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

```
.background{ background-color: rgb(18, 93,  
137) }
```

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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