

# Converting Colors

Android(4279727002)

Have a look what the booklet for  
Android(4279727002) contains.

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# Color

**Android(4279727002)**

# Conversions

Conversions Part 1	
Format	Color
Hex	17739A
RGB	23, 115, 154
RGB Percent	9%, 45%, 60%
CMY	0.9098, 0.5490, 0.3961
CMYK	0.85, 0.25, 0.00, 0.40
HSL	198°, 74%, 35%
HSV	198°, 85%, 60%
XYZ	12.3168, 14.7767, 32.7749
YIQ	91.9380, -67.3510, -7.3750

# Conversions

## Conversions Part 2

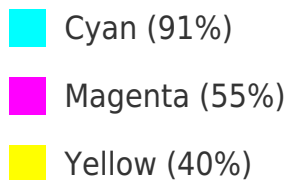
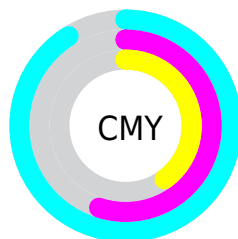
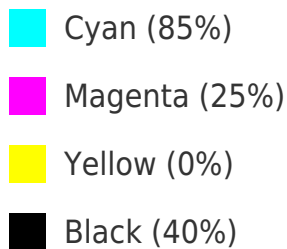
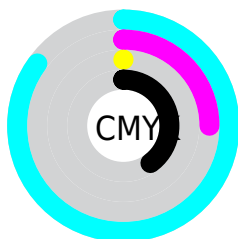
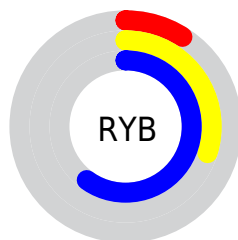
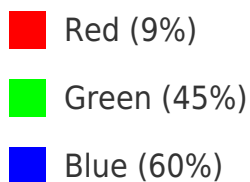
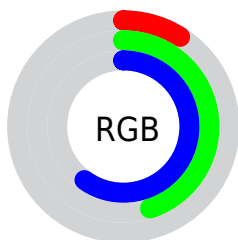
Format	Color
<a href="#">RYB</a>	<a href="#">23, 77, 154</a>
Decimal	<a href="#">1536922</a>
CIELab	<a href="#">45.33, -11.32, -28.30</a>
CIELCh	<a href="#">45, 30.480, 248.201</a>
Yxy	<a href="#">14.7767, 0.2057, 0.2468</a>
Android (android.graphics.Color)	<a href="#">4279727002</a> (0xFF17739A)
YUV	<a href="#">91.9380, 30.5966, -60.4586</a>
Hunter-Lab	<a href="#">38.4405, -10.0772, -23.6431</a>

# Details

The Android color `4279727002` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4288298519`, and the grayscale version is `4284243036`.

A 20% lighter version of the original color is `4284262353`, and `4278207335` is the 20% darker color. If you saturate the color by 10%, you get `4278742682`, and if you desaturate by 10%, it is `4280711322`.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Android color 4279727002 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 4279727002 by changing the saturation by 10% instead.




 4279727002  4279727002


4294967295  4278213248


 4284262353  4278207335

 4286169837  4278201678

 4288077567  4278196535

 4289985535  4278190626

 4291887103  4278190087

 4293853183  4278190080

 4279727002  4279727002

 4278742682  4280711322

■ 4278217882

■ 4281760922

■ 4282745242

■ 4283794842

■ 4284779162

■ 4285763482

■ 4286813082

■ 4287797402

■ 4288847002

# Harmonies

## Analogous

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



4278220682



4279727002



4283460509

# Triad

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



4279727002



4288436069



4284052290

# Complementary

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



4279727002



4288298519

# 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.



4285885496



4279727002



4288240461

# Square

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



4279727002



4287715967



4287324988



4281890648

# Rectangle

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



4279727002



4285228440



4287324988



4284707133



# Sweetspot

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



4279727002



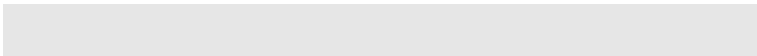
4288002761



4279736892



4282801510



4293322470



4284900966



# Same Dimension

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



4279727002



4278226377



4279710618



4282731085



4278215308



4278192397



# Inverse Universe

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



4288288627



4291362957



4288314903



4283254090



4287365218



4279042057



# Previews

## White Background



This preview shows how the Android color 4279727002 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



This preview shows how the Android color 4279727002 looks on a 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 4279727002 Background



This preview shows how black text looks on a background with the Android color 4279727002.



This preview shows how white text looks on a background with the Android color 4279727002.

# 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**

4279727002

**Protanopia**

4284443026

**Deuteranopia**

4283853468



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279727002 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(23, 115, 154)` looks like.

```
.text, #text, p{  
    color:rgb(23, 115, 154)  
}
```

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(23, 115, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 115, 154) }
```

## Border

The CSS property to change the border of an element to Android 4279727002 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(23, 115, 154) }
```

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

```
.border{ border-color:rgb(23, 115, 154) }
```

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

Here you see how a box with a 4 pixel rgb(23, 115, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 115, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 115, 154);  
box-shadow:4px 4px 4px 4px rgb(23, 115,  
154) }
```

# Background

The CSS property to change the background color of an element to Android 4279727002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:rgb(23, 115, 154) }
```

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

```
.background{ background-color:rgb(23, 115,  
154) }
```

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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