

Converting Colors

Android(4279652735)

Have a look what the booklet for
Android(4279652735) contains.

Android(4279652735)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4279652735)

Conversions

Conversions Part 1	
Format	Color
Hex	16517F
RGB	22, 81, 127
RGB Percent	9%, 32%, 50%
CMY	0.9137, 0.6824, 0.5020
CMYK	0.83, 0.36, 0.00, 0.50
HSL	206°, 70%, 29%
HSV	206°, 83%, 50%
XYZ	7.1041, 7.5877, 21.1688
YIQ	68.6030, -49.9300, 1.7980

Conversions

Conversions Part 2

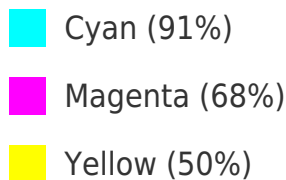
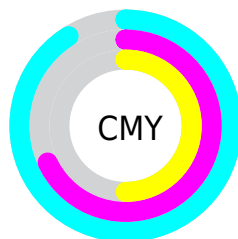
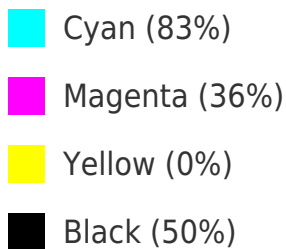
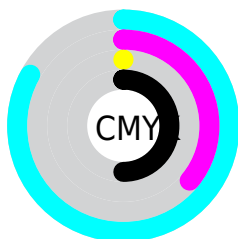
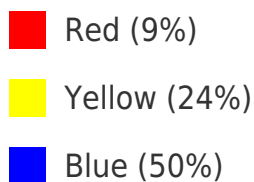
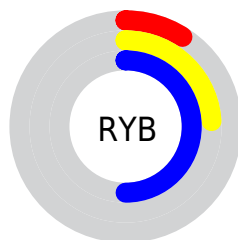
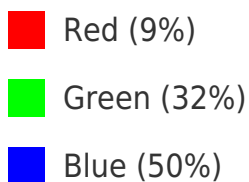
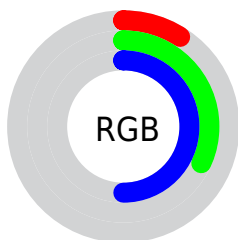
Format	Color
RYB	22, 60, 127
Decimal	1462655
CIELab	33.11, -1.06, -31.19
CIELCh	33, 31.209, 268.053
Yxy	7.5877, 0.1981, 0.2116
Android (android.graphics.Color)	4279652735 (0xFF16517F)
YUV	68.6030, 28.7897, -40.8708
Hunter-Lab	27.5458, -2.1701, -26.2819

Details

The Android color **4279652735** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **4286530582**, and the grayscale version is **4282664004**.

A 20% lighter version of the original color is **4283728564**, and **4278199629** is the 20% darker color. If you saturate the color by 10%, you get **4278799231**, and if you desaturate by 10%, it is **4280506239**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Android color 4279652735 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 4279652735 by changing the saturation by 10% instead.

 4279652735

 4279652735

4294967295

 4278205030

 4283728564

 4278199629

 4285570256

 4278194230

 4287346668

 4278190625

 4289188607

 4278190085

 4291096575

 4278190080

 4293001215

4294901759

 4279652735

 4279652735

■ 4278799231

■ 4280506239

■ 4278208383

■ 4281293951

■ 4282147455

■ 4283000703

■ 4283854207

■ 4284641919

■ 4285495423

■ 4286348927

■ 4287136639

Harmonies

Analogous

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



4278212471



4279652735



4283254905

Triad

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



4279652735



4286266168



4280637491

Complementary

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



4279652735



4286530582

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.



4282733344



4279652735



4285547300

Square

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



4279652735



4286200144



4284304410



4278213195

Rectangle

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



4279652735



4284629359



4284304410



4281423660

Sweetspot

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



4279652735



4286354598



4279664452



4282075476



4292138196



4283716692

Same Dimension

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



4279652735



4278345382



4279639423



4281941312



4278208640



4278190080

Inverse Universe

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



4286518865



4289069662



4286543894



4282399037



4286578760



4278190080

Previews

White Background



This preview shows how the Android color 4279652735 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



This preview shows how the Android color 4279652735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

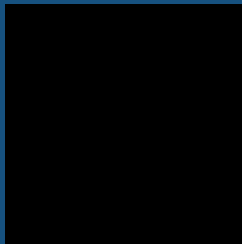
Any Text WCAG AA × Fail

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 4279652735 Background



This preview shows how black text looks on a background with the Android color 4279652735.



This preview shows how white text looks on a background with the Android color 4279652735.

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

4279652735

Protanopia

4282141819

Deuteranopia

4281224832

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Android 4279652735 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(22, 81, 127)` looks like.

```
.text, #text, p{  
    color:rgb(22, 81, 127)  
}
```

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(22, 81, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 81, 127) }
```

Border

The CSS property to change the border of an element to Android 4279652735 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(22, 81, 127) }
```

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

```
.border{ border-color:rgb(22, 81, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 81, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 81, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 81, 127);  
box-shadow:4px 4px 4px 4px rgb(22, 81,  
127) }
```

Background

The CSS property to change the background color of an element to Android 4279652735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 81, 127) }
```

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

```
.background{ background-color: rgb(22, 81,  
127) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor