

Converting Colors

Android(4279712857)

Have a look what the booklet for
Android(4279712857) contains.

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Color

Android(4279712857)

Conversions

Conversions Part 1

Format	Color
Hex	173C59
RGB	23, 60, 89
RGB Percent	9%, 24%, 35%
CMY	0.9098, 0.7647, 0.6510
CMYK	0.74, 0.33, 0.00, 0.65
HSL	206°, 59%, 22%
HSV	206°, 74%, 35%
XYZ	3.7724, 4.1351, 10.0505
YIQ	52.2430, -31.3610, 1.1750

Conversions

Conversions Part 2

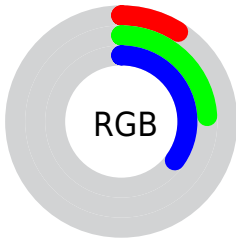
Format	Color
R_{YB}	23, 47, 89
Decimal	1522777
CIE _{Lab}	24.11, -2.35, -21.23
CIE _{LCh}	24, 21.356, 263.688
Yxy	4.1351, 0.2101, 0.2303
Android (android.graphics.Color)	4279712857 (0xFF173C59)
YUV	52.2430, 18.1212, -25.6461
Hunter-Lab	20.3351, -2.4726, -15.0693

Details

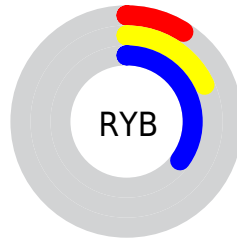
The Android color **4279712857** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4284036119**, and the grayscale version is **4281611316**.

A 20% lighter version of the original color is **4283132811**, and **4278194731** is the 20% darker color. If you saturate the color by 10%, you get **4279122009**, and if you desaturate by 10%, it is **4280303705**.

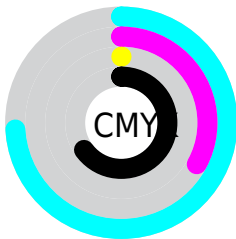
Distribution



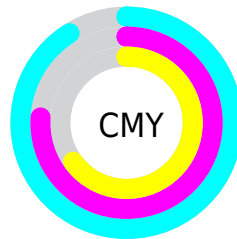
- Red (9%)
- Green (24%)
- Blue (35%)



- Red (9%)
- Yellow (18%)
- Blue (35%)



- Cyan (74%)
- Magenta (33%)
- Yellow (0%)
- Black (65%)



- Cyan (91%)
- Magenta (76%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279712857 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 4279712857 by changing the saturation by 10% instead.



4279712857



4279712857

4294967295



4278199873



4283132811



4278194731



4284843174



4278190358



4286553793



4278190080



4288330205



4290172409



4292014591



4293853183



4279712857



4279712857

■ 4279122009

■ 4280303705

■ 4278531161

■ 4280894553

■ 4278202969

■ 4281485401

■ 4282076249

■ 4282667097

■ 4283192153

■ 4283783001

■ 4284373849

■ 4284964697

Harmonies

Analogous

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



4278206547



4279712857



4281742935

Triad

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



4279712857



4283968813



4280500262

Complementary

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



4279712857



4284036119

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.



4281744411



4279712857



4283576608

Square

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



4279712857



4283772221



4282791705



4278665525

Rectangle

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



4279712857



4282659409



4282791705



4280958753

Sweetspot

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



4279712857



4284115059



4279720244



4281021499



4290427578



4282071867

Same Dimension

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



4279712857



4279060083



4279704409



4280756523



4278205547



4278224107

Inverse Universe

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



4284028732



4285730118



4284044567



4281018153



4285202492



4293591172

Previews

White Background



This preview shows how the Android color 4279712857 looks on a white background.

Color Contrast Check

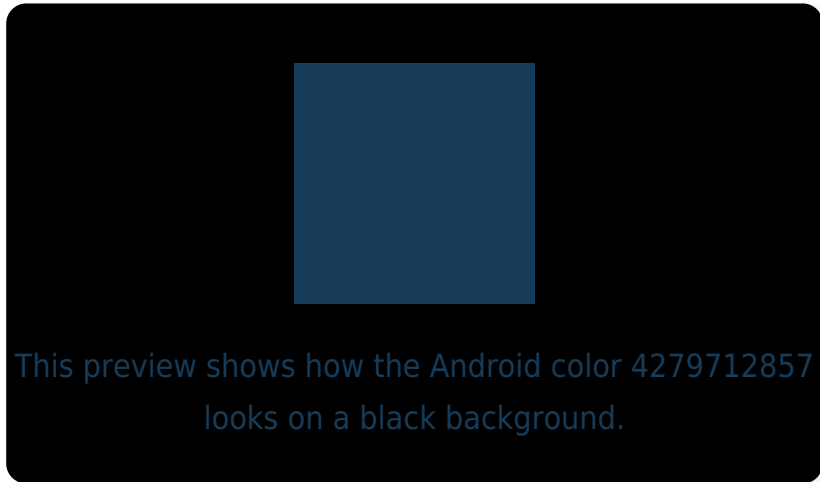
Large Text (above 18pt) WCAG AA ✓ Pass

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

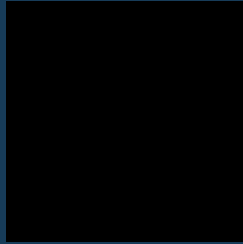
Any Text WCAG AA × Fail

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 4279712857 Background



This preview shows how black text looks on a background with the Android color 4279712857.



This preview shows how white text looks on a background with the Android color 4279712857.

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

4279712857

Protanopia

4281284694

Deuteranopia

4280826202

Trichromacy



Original Color

4279712857

Protanomaly

4280695127

Deuteranomaly

4280433242

Tritanomaly

4278730572

Monochromacy



Original Color

4279712857

Achromatopsia

4281611316

Achromatomaly

4280891201

CSS Examples

Text

The CSS property to change the color of the text to Android 4279712857 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, 60, 89)` looks like.

```
.text, #text, p{  
    color:rgb(23, 60, 89)  
}
```

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, 60, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 60, 89) }
```

Border

The CSS property to change the border of an element to Android 4279712857 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, 60, 89) }
```

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

```
.border{ border-color:rgb(23, 60, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 60, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 60, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 60, 89);  
box-shadow:4px 4px 4px 4px rgb(23, 60, 89)  
}
```

Background

The CSS property to change the background color of an element to Android 4279712857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 60, 89) }
```

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

```
.background{ background-color: rgb(23, 60,  
89) }
```

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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