

Converting Colors

Android(4280503643)

Have a look what the booklet for
Android(4280503643) contains.

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Color

Android(4280503643)

Conversions

Conversions Part 1

Format	Color
Hex	234D5B
RGB	35, 77, 91
RGB Percent	14%, 30%, 36%
CMY	0.8627, 0.6980, 0.6431
CMYK	0.62, 0.15, 0.00, 0.64
HSL	195°, 44%, 25%
HSV	195°, 62%, 36%
XYZ	5.2353, 6.4204, 10.8609
YIQ	66.0380, -29.5260, -4.5500

Conversions

Conversions Part 2

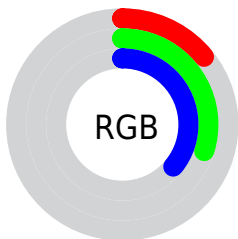
Format	Color
R_{YB}	35, 59, 91
Decimal	2313563
CIE _{Lab}	30.45, -9.97, -12.67
CIE _{LCh}	30, 16.122, 231.796
Yxy	6.4204, 0.2325, 0.2851
Android (android.graphics.Color)	4280503643 (0xFF234D5B)
YUV	66.0380, 12.3063, -27.2203
Hunter-Lab	25.3385, -7.4615, -7.6765

Details

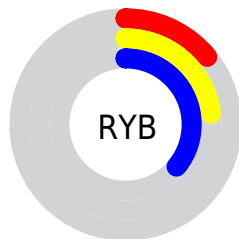
The Android color `4280503643` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4284166435`, and the grayscale version is `4282532418`.

A 20% lighter version of the original color is `4283793037`, and `4278198573` is the 20% darker color. If you saturate the color by 10%, you get `4279913307`, and if you desaturate by 10%, it is `4281093979`.

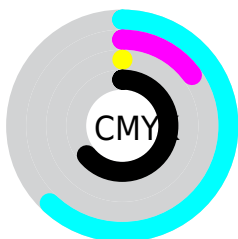
Distribution



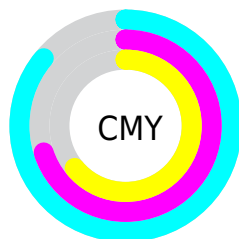
- Red (14%)
- Green (30%)
- Blue (36%)



- Red (14%)
- Yellow (23%)
- Blue (36%)



- Cyan (62%)
- Magenta (15%)
- Yellow (0%)
- Black (64%)



- Cyan (86%)
- Magenta (70%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280503643 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 4280503643 by changing the saturation by 10% instead.

■ 4280503643

■ 4280503643

4294967295

■ 4278531652

■ 4283793037

■ 4278198573

■ 4285503656

■ 4278191129

■ 4287214531

■ 4278190080

■ 4288990943

■ 4290833147

■ 4292673535

■ 4294574079

■ 4280503643

■ 4280503643

■ 4279913307

■ 4281093979

■ 4279322715

■ 4281684571

■ 4278732379

■ 4282274907

■ 4278207579

■ 4282865243

■ 4283521115

■ 4284111707

■ 4284702043

■ 4285292379

■ 4285882715

Harmonies

Analogous

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



4280307537



4280503643



4281485920

Triad

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



4280503643



4284366668



4282862128

Complementary

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



4280503643



4284166435

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.



4283713071



4280503643



4284563263

Square

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



4280503643



4283711831



4284301876



4281945400

Rectangle

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



4280503643



4282337120



4284301876



4283189295

Sweetspot

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



4280503643



4284510325



4280507185



4281218875



4290427578



4282071867

Same Dimension

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



4280503643



4280180853



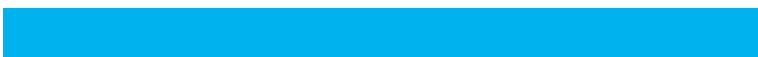
4280496475



4280888622



4278211182



4278235885

Inverse Universe

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



4284162893



4285865568



4284173603



4281215277



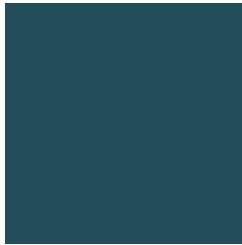
4285399122



4293722290

Previews

White Background



This preview shows how the Android color 4280503643 looks on a white background.

Color Contrast Check

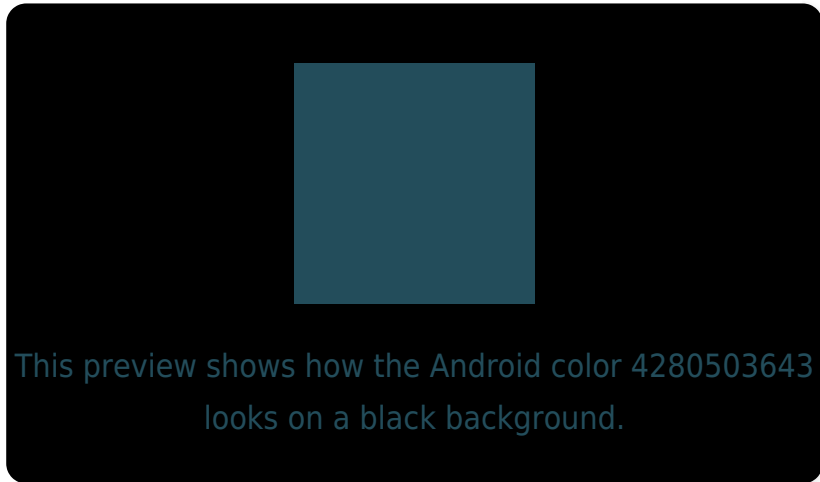
Large Text (above 18pt) WCAG AA ✓ Pass

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

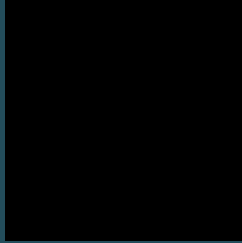
Any Text WCAG AA × Fail

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 4280503643 Background



This preview shows how black text looks on a background with the Android color 4280503643.



This preview shows how white text looks on a background with the Android color 4280503643.

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

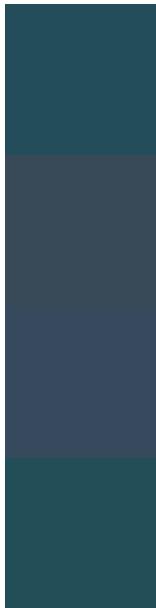


Original Color
4280503643

Protanopia
4282664791

Deuteranopia
4282599004

Trichromacy



Original Color

4280503643

Protanomaly

4281878872

Deuteranomaly

4281813340

Tritanomaly

4280372823

Monochromacy



Original Color

4280503643

Achromatopsia

4282532418

Achromatomaly

4281812555

CSS Examples

Text

The CSS property to change the color of the text to Android 4280503643 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(35, 77, 91)` looks like.

```
.text, #text, p{  
    color:rgb(35, 77, 91)  
}
```

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(35, 77, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 77, 91) }
```

Border

The CSS property to change the border of an element to Android 4280503643 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(35, 77, 91) }
```

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

```
.border{ border-color:rgb(35, 77, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 77, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 77, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 77, 91);  
box-shadow:4px 4px 4px 4px rgb(35, 77, 91)  
}
```

Background

The CSS property to change the background color of an element to Android 4280503643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 77, 91) }
```

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

```
.background{ background-color: rgb(35, 77,  
91) }
```

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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