

Converting Colors

Android(4280500031)

Have a look what the booklet for
Android(4280500031) contains.

Android(4280500031)	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(4280500031)

Conversions

Conversions Part 1

Format	Color
Hex	233F3F
RGB	35, 63, 63
RGB Percent	14%, 25%, 25%
CMY	0.8627, 0.7529, 0.7529
CMYK	0.44, 0.00, 0.00, 0.75
HSL	180°, 29%, 19%
HSV	180°, 44%, 25%
XYZ	3.3678, 4.2712, 5.3495
YIQ	54.6280, -16.6880, -5.9360

Conversions

Conversions Part 2

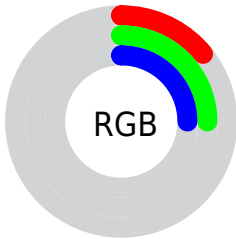
Format	Color
R_YB	35, 49, 63
Decimal	2309951
CIE Lab	24.55, -10.55, -3.34
CIE LCh	25, 11.068, 197.564
Yxy	4.2712, 0.2593, 0.3288
Android (android.graphics.Color)	4280500031 (0xFF233F3F)
YUV	54.6280, 4.1274, -17.2138
Hunter-Lab	20.6669, -7.0791, -0.8801

Details

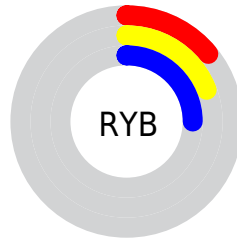
The Android color **4280500031** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4282327843**, and the grayscale version is **4281808695**.

A 20% lighter version of the original color is **4283592559**, and **4278195477** is the 20% darker color. If you saturate the color by 10%, you get **4280106815**, and if you desaturate by 10%, it is **4280893247**.

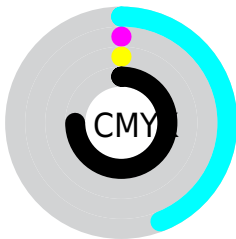
Distribution



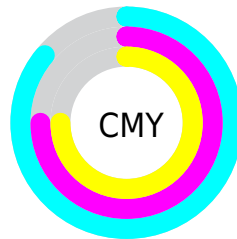
- Red (14%)
- Green (25%)
- Blue (25%)



- Red (14%)
- Yellow (19%)
- Blue (25%)



- Cyan (44%)
- Magenta (0%)
- Yellow (0%)
- Black (75%)



- Cyan (86%)
- Magenta (75%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280500031 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 4280500031 by changing the saturation by 10% instead.



4280500031



4280500031

4294967295



4278987049



4283592559



4278195477



4285171848



4278190080



4286882466



4288593341



4290370009



4292212469



4294115327



4280500031



4280500031

■ 4280106815

■ 4280893247

■ 4279648063

■ 4281351999

■ 4279254847

■ 4281745215

■ 4278861631

■ 4282138431

■ 4278468415

■ 4282597183

■ 4278206271

■ 4282990399

■ 4283383615

■ 4283776831

■ 4284235583

Harmonies

Analogous

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



4280893238



4280500031



4280565318

Triad

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



4280500031



4282529606



4282661162

Complementary

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



4280500031



4282327843

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.



4282988078



4280500031



4282987838

Square

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



4280500031



4281809226



4283118646



4282071850

Rectangle

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



4280500031



4280827209



4283118646



4282791979

Sweetspot

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



4280500031



4282864210



4280500003



4280428841



4289243304



4280887593

Same Dimension

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



4280500031



4280701522



4280496447



4280033055



4278214238



4278247134

Inverse Universe

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



4282327871



4283573842



4282331427



4280228895



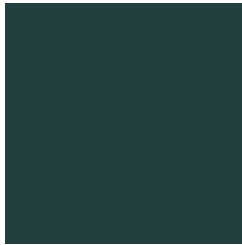
4284350558



4292739294

Previews

White Background



This preview shows how the Android color 4280500031 looks on a white background.

Color Contrast Check

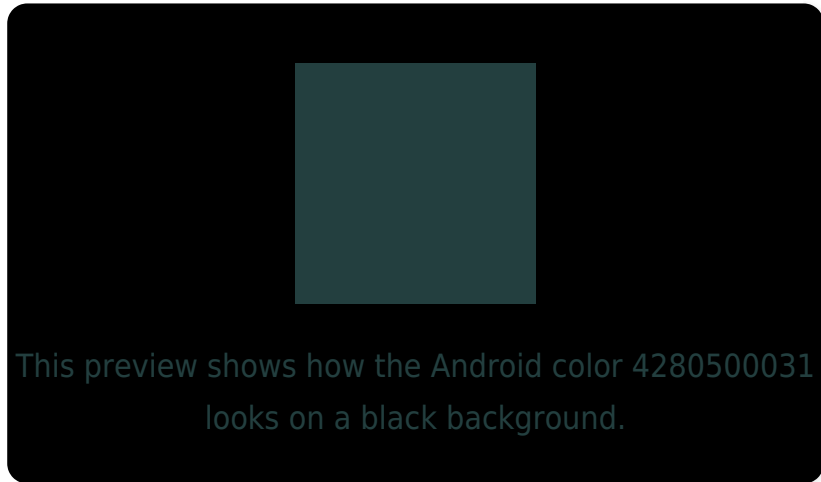
Large Text (above 18pt) WCAG AA ✓ Pass

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

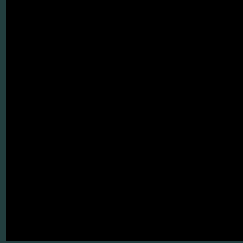
Any Text WCAG AA × Fail

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 4280500031 Background



This preview shows how black text looks on a background with the Android color 4280500031.



This preview shows how white text looks on a background with the Android color 4280500031.

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

[4280500031](#)

Protanopia

[4282071612](#)

Deuteranopia

[4282202432](#)

Trichromacy



Original Color

4280500031

Protanomaly

4281482301

Deuteranomaly

4281613120

Tritanomaly

4280565314

Monochromacy



Original Color

4280500031

Achromatopsia

4281808695

Achromatomaly

4281350714

CSS Examples

Text

The CSS property to change the color of the text to Android 4280500031 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, 63, 63) looks like.

```
.text, #text, p{  
    color:rgb(35, 63, 63)  
}
```

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, 63, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 63, 63) }
```

Border

The CSS property to change the border of an element to Android 4280500031 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, 63, 63) }
```

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

```
.border{ border-color:rgb(35, 63, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 63, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 63, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 63, 63);  
box-shadow:4px 4px 4px 4px rgb(35, 63, 63)  
}
```

Background

The CSS property to change the background color of an element to Android 4280500031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 63, 63) }
```

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

```
.background{ background-color: rgb(35, 63,  
63) }
```

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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