

Converting Colors

Android(4280500802)

Have a look what the booklet for
Android(4280500802) contains.

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Color

Android(4280500802)

Conversions

Conversions Part 1

Format	Color
Hex	234242
RGB	35, 66, 66
RGB Percent	14%, 26%, 26%
CMY	0.8627, 0.7412, 0.7412
CMYK	0.47, 0.00, 0.00, 0.74
HSL	180°, 31%, 20%
HSV	180°, 47%, 26%
XYZ	3.6247, 4.6471, 5.8602
YIQ	56.7310, -18.4760, -6.5720

Conversions

Conversions Part 2

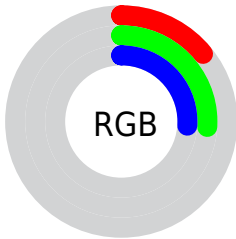
Format	Color
R_{YB}	35, 51, 66
Decimal	2310722
CIE _{Lab}	25.70, -11.46, -3.61
CIE _{LCh}	26, 12.017, 197.467
Yxy	4.6471, 0.2565, 0.3288
Android (android.graphics.Color)	4280500802 (0xFF234242)
YUV	56.7310, 4.5696, -19.0581
Hunter-Lab	21.5571, -7.7111, -1.0277

Details

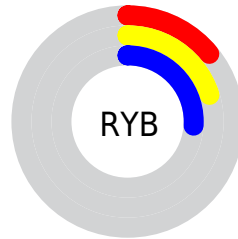
The Android color `4280500802` is a dark color, and the websafe version is hex `003333`. A complement of this color would be `4282524451`, and the grayscale version is `4281940281`.

A 20% lighter version of the original color is `4283593330`, and `4278196247` is the 20% darker color. If you saturate the color by 10%, you get `4280042050`, and if you desaturate by 10%, it is `4280959554`.

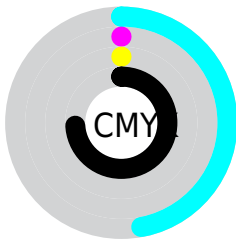
Distribution



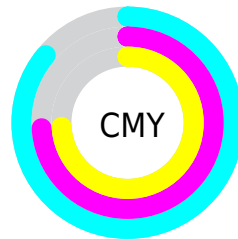
- Red (14%)
- Green (26%)
- Blue (26%)



- Red (14%)
- Yellow (20%)
- Blue (26%)



- Cyan (47%)
- Magenta (0%)
- Yellow (0%)
- Black (74%)



- Cyan (86%)
- Magenta (74%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280500802 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 4280500802 by changing the saturation by 10% instead.



4280500802



4280500802

4294967295



4278987820



4283593330



4278196247



4285238411



4278190080



4286949030



4288659905



4290436573



4292279033



4294180863



4280500802



4280500802

■ 4280042050

■ 4280959554

■ 4279648834

■ 4281352770

■ 4279190082

■ 4281811522

■ 4278796866

■ 4282204738

■ 4278338114

■ 4282663490

■ 4278207042

■ 4283122242

■ 4283515458

■ 4283974210

■ 4284367426

Harmonies

Analogous

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



4280959545



4280500802



4280566090

Triad

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



4280500802



4282726729



4282858283

Complementary

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



4280500802



4282524451

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.



4283250736



4280500802



4283250497

Square

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



4280500802



4281941070



4283446840



4282269227

Rectangle

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



4280500802



4280893517



4283446840



4283054636

Sweetspot

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



4280500802



4283127639



4280500771



4280560427



4289440683



4281019179

Same Dimension

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



4280500802



4280702807



4280496962



4280164641



4278215009



4278247648

Inverse Universe

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



4282524482



4283901527



4282528547



4280360481



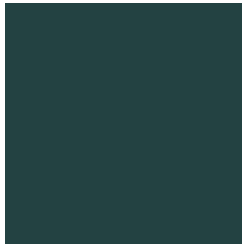
4284547169



4292870368

Previews

White Background



This preview shows how the Android color 4280500802 looks on a white background.

Color Contrast Check

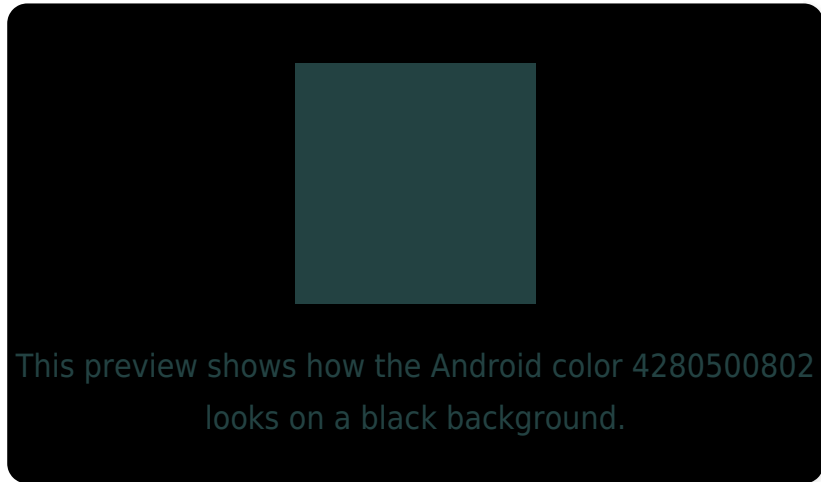
Large Text (above 18pt) WCAG AA ✓ Pass

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

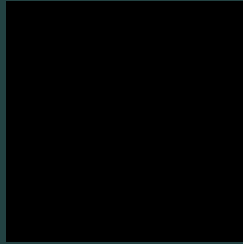
Any Text WCAG AA × Fail

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 4280500802 Background



This preview shows how black text looks on a background with the Android color 4280500802.



This preview shows how white text looks on a background with the Android color 4280500802.

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

4280500802

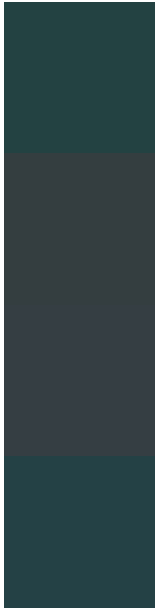
Protanopia

4282203199

Deuteranopia

4282334019

Trichromacy



Original Color
4280500802

Protanomaly
4281613888

Deuteranomaly
4281679427

Tritanomaly
4280566085

Monochromacy



Original Color
4280500802

Achromatopsia
4281940281

Achromatomaly
4281416764

CSS Examples

Text

The CSS property to change the color of the text to Android 4280500802 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, 66, 66)` looks like.

```
.text, #text, p{  
    color:rgb(35, 66, 66)  
}
```

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, 66, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 66, 66) }
```

Border

The CSS property to change the border of an element to Android 4280500802 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, 66, 66) }
```

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

```
.border{ border-color:rgb(35, 66, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 66, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 66, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 66, 66);  
box-shadow:4px 4px 4px 4px rgb(35, 66, 66)  
}
```

Background

The CSS property to change the background color of an element to Android 4280500802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 66, 66) }
```

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

```
.background{ background-color: rgb(35, 66,  
66) }
```

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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