

Converting Colors

Android(4280566078)

Have a look what the booklet for
Android(4280566078) contains.

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Color

Android(4280566078)

Conversions

Conversions Part 1

Format	Color
Hex	24413E
RGB	36, 65, 62
RGB Percent	14%, 25%, 24%
CMY	0.8588, 0.7451, 0.7569
CMYK	0.45, 0.00, 0.05, 0.75
HSL	174°, 29%, 20%
HSV	174°, 45%, 25%
XYZ	3.4874, 4.5035, 5.2429
YIQ	55.9870, -16.3210, -7.0810

Conversions

Conversions Part 2

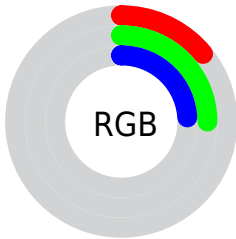
Format	Color
R_YB	36, 51, 65
Decimal	2375998
CIE _{Lab}	25.27, -11.74, -1.61
CIE _{LCh}	25, 11.854, 187.782
Yxy	4.5035, 0.2635, 0.3403
Android (android.graphics.Color)	4280566078 (0xFF24413E)
YUV	55.9870, 2.9644, -17.5286
Hunter-Lab	21.2214, -7.8041, 0.2070

Details

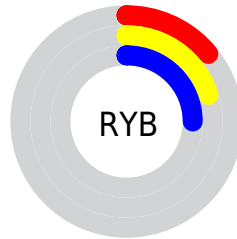
The Android color **4280566078** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4282459175**, and the grayscale version is **4281874488**.

A 20% lighter version of the original color is **4283658605**, and **4278195988** is the 20% darker color. If you saturate the color by 10%, you get **4280172861**, and if you desaturate by 10%, it is **4281024831**.

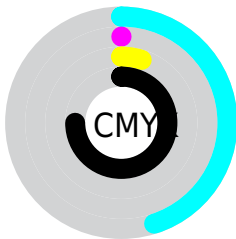
Distribution



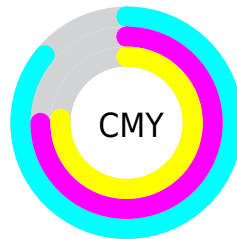
- Red (14%)
- Green (25%)
- Blue (24%)



- Red (14%)
- Yellow (20%)
- Blue (25%)



- Cyan (45%)
- Magenta (0%)
- Yellow (5%)
- Black (75%)



- Cyan (86%)
- Magenta (75%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280566078 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 4280566078 by changing the saturation by 10% instead.

■ 4280566078

■ 4280566078

4294967295

■ 4279053096

■ 4283658605

■ 4278195988

■ 4285237895

■ 4278190080

■ 4286948769

■ 4288659644

■ 4290501848

■ 4292278516

■ 4294180863

■ 4280566078

■ 4280566078

■ 4280172861

■ 4281024831

■ 4279714109

■ 4281418047

■ 4279255356

■ 4281876800

■ 4278862139

■ 4282270017

■ 4278468923

■ 4282728769

■ 4278206778

■ 4283121986

■ 4283580739

■ 4283973955

■ 4284367172

Harmonies

Analogous

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



4281090101



4280566078



4280434759

Triad

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



4280566078



4282399050



4282923308

Complementary

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



4280566078



4282459175

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.



4283250481



4280566078



4282988099

Square

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



4280566078



4281613390



4283315514



4282399786

Rectangle

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



4280566078



4280631115



4283315514



4283054125

Sweetspot

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



4280566078



4282995795



4280762660



4280560427



4289440683



4281019179

Same Dimension

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



4280566078



4280767567



4280563265



4280164641



4278214999



4278247625

Inverse Universe

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



4282459175



4283705131



4282461988



4280360478



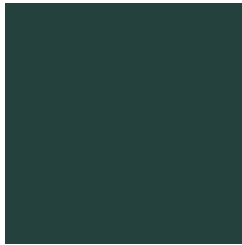
4284547082



4292870167

Previews

White Background



This preview shows how the Android color 4280566078 looks on a white background.

Color Contrast Check

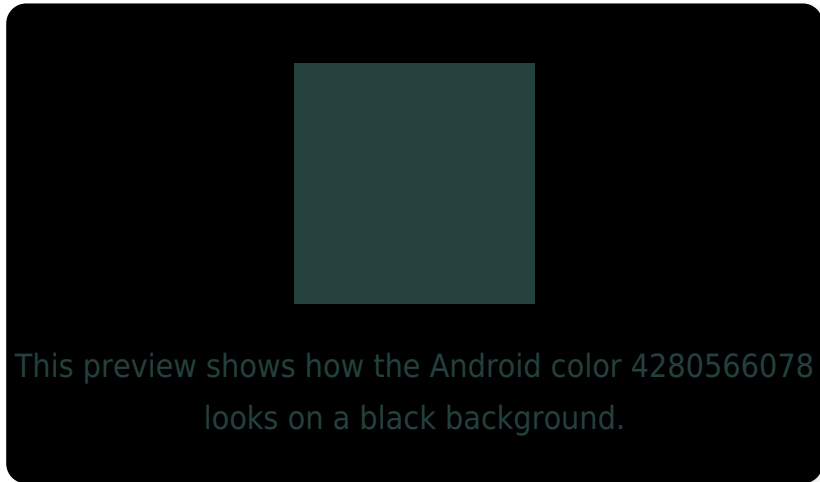
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280566078 Background



This preview shows how black text looks on a background with the Android color 4280566078.



This preview shows how white text looks on a background with the Android color 4280566078.

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

4280566078

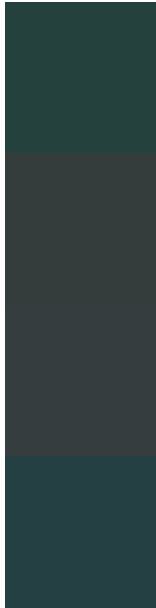
Protanopia

4282202939

Deuteranopia

4282399295

Trichromacy



Original Color
4280566078

Protanomaly
4281613628

Deuteranomaly
4281744703

Tritanomaly
4280631362

Monochromacy



Original Color
4280566078

Achromatopsia
4281874488

Achromatomaly
4281416506

CSS Examples

Text

The CSS property to change the color of the text to Android 4280566078 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(36, 65, 62) looks like.

```
.text, #text, p{  
    color:rgb(36, 65, 62)  
}
```

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(36, 65, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 65, 62) }
```

Border

The CSS property to change the border of an element to Android 4280566078 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(36, 65, 62) }
```

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

```
.border{ border-color:rgb(36, 65, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 65, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 65, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 65, 62);  
box-shadow:4px 4px 4px 4px rgb(36, 65, 62)  
}
```

Background

The CSS property to change the background color of an element to Android 4280566078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 65, 62) }
```

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

```
.background{ background-color: rgb(36, 65,  
62) }
```

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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