

Converting Colors

Android(4280566374)

Have a look what the booklet for
Android(4280566374) contains.

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Color

Android(4280566374)

Conversions

Conversions Part 1

Format	Color
Hex	244266
RGB	36, 66, 102
RGB Percent	14%, 26%, 40%
CMY	0.8588, 0.7412, 0.6000
CMYK	0.65, 0.35, 0.00, 0.60
HSL	213°, 48%, 27%
HSV	213°, 65%, 40%
XYZ	5.0740, 5.2308, 13.3126
YIQ	61.1340, -29.4360, 4.8360

Conversions

Conversions Part 2

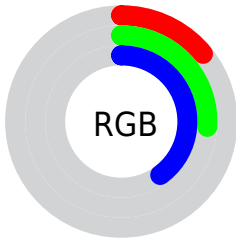
Format	Color
R_{YB}	36, 57, 102
Decimal	2376294
CIE _{Lab}	27.38, 1.27, -24.47
CIE _{LCh}	27, 24.501, 272.981
Yxy	5.2308, 0.2148, 0.2215
Android (android.graphics.Color)	4280566374 (0xFF244266)
YUV	61.1340, 20.1469, -22.0425
Hunter-Lab	22.8710, -0.4230, -18.5015

Details

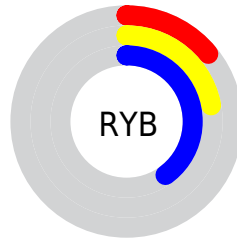
The Android color **4280566374** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4284893220**, and the grayscale version is **4282203453**.

A 20% lighter version of the original color is **4283921049**, and **4278196279** is the 20% darker color. If you saturate the color by 10%, you get **4279909478**, and if you desaturate by 10%, it is **4281223270**.

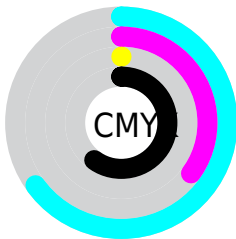
Distribution



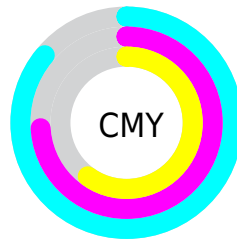
- Red (14%)
- Green (26%)
- Blue (40%)



- Red (14%)
- Yellow (22%)
- Blue (40%)



- Cyan (65%)
- Magenta (35%)
- Yellow (0%)
- Black (60%)



- Cyan (86%)
- Magenta (74%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280566374 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 4280566374 by changing the saturation by 10% instead.



4280566374



4280566374

4294967295



4278463566



4283921049



4278196279



4285631412



4278190625



4287407568



4278190087



4289183980



4278190080



4291026175



4292868607



4294770687



4280566374



4280566374

■ 4279909478

■ 4281223270

■ 4279252838

■ 4281879910

■ 4278530406

■ 4282602342

■ 4278201958

■ 4283258982

■ 4283915878

■ 4284572518

■ 4285229414

■ 4285951846

■ 4286608486

Harmonies

Analogous

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



4278208354



4280566374



4282727264

Triad

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



4280566374



4284691245



4280174895

Complementary

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



4280566374



4284893220

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.



4281812512



4280566374



4284103199

Square

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



4280566374



4284690752



4283056154



4278209090

Rectangle

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



4280566374



4283709015



4283056154



4280764457

Sweetspot

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



4280566374



4285233029



4280575559



4281547330



4290953922



4282532418

Same Dimension

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



4280566374



4280110213



4280689766



4281217075



4278203507



4278218482

Inverse Universe

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



4284884034



4286913868



4284769828



4281544240



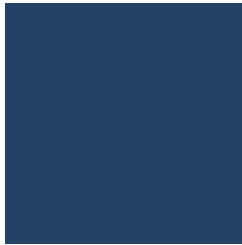
4285726772



4294049902

Previews

White Background



This preview shows how the Android color 4280566374 looks on a white background.

Color Contrast Check

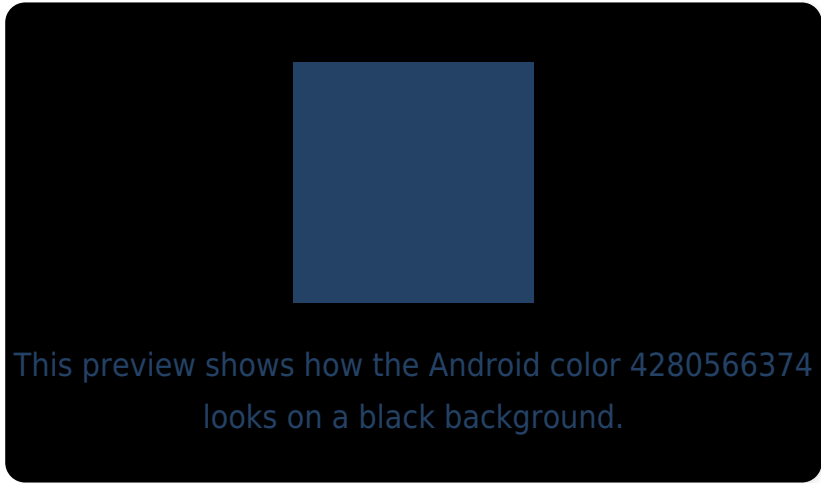
Large Text (above 18pt) WCAG AA ✓ Pass

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

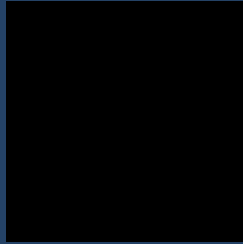
Any Text WCAG AA × Fail

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 4280566374 Background



This preview shows how black text looks on a background with the Android color 4280566374.



This preview shows how white text looks on a background with the Android color 4280566374.

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
4280566374

Protanopia
4281548644

Deuteranopia
4281090406

Trichromacy



Original Color

4280566374

Protanomaly

4281221221

Deuteranomaly

4280893798

Tritanomaly

4279977302

Monochromacy



Original Color

4280566374

Achromatopsia

4282203453

Achromatomaly

4281614156

CSS Examples

Text

The CSS property to change the color of the text to Android 4280566374 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, 66, 102)` looks like.

```
.text, #text, p{  
    color:rgb(36, 66, 102)  
}
```

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, 66, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 66, 102) }
```

Border

The CSS property to change the border of an element to Android 4280566374 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, 66, 102) }
```

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

```
.border{ border-color:rgb(36, 66, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 66, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 66, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 66, 102);  
box-shadow:4px 4px 4px 4px rgb(36, 66,  
102) }
```

Background

The CSS property to change the background color of an element to Android 4280566374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 66, 102) }
```

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

```
.background{ background-color: rgb(36, 66,  
102) }
```

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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