

Converting Colors

Android(4280828766)

Have a look what the booklet for
Android(4280828766) contains.

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Color

Android(4280828766)

Conversions

Conversions Part 1

Format	Color
Hex	28435E
RGB	40, 67, 94
RGB Percent	16%, 26%, 37%
CMY	0.8431, 0.7373, 0.6314
CMYK	0.57, 0.29, 0.00, 0.63
HSL	210°, 40%, 26%
HSV	210°, 57%, 37%
XYZ	4.9026, 5.2736, 11.3492
YIQ	62.0050, -24.7590, 2.6730

Conversions

Conversions Part 2

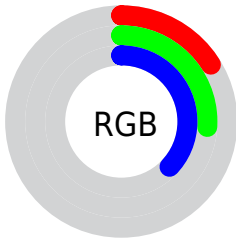
Format	Color
R_{YB}	40, 58, 94
Decimal	2638686
CIE _{Lab}	27.50, -1.38, -19.12
CIE _{LCh}	28, 19.173, 265.876
Yxy	5.2736, 0.2278, 0.2450
Android (android.graphics.Color)	4280828766 (0xFF28435E)
YUV	62.0050, 15.7735, -19.2984
Hunter-Lab	22.9643, -2.0798, -13.2267

Details

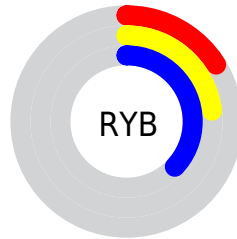
The Android color **4280828766** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4284367656**, and the grayscale version is **4282269246**.

A 20% lighter version of the original color is **4284117905**, and **4278196528** is the 20% darker color. If you saturate the color by 10%, you get **4280237662**, and if you desaturate by 10%, it is **4281419870**.

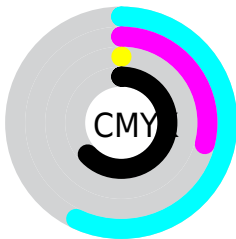
Distribution



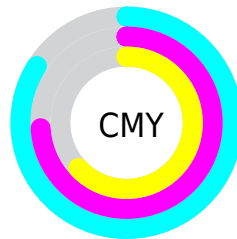
- Red (16%)
- Green (26%)
- Blue (37%)



- Red (16%)
- Yellow (23%)
- Blue (37%)



- Cyan (57%)
- Magenta (29%)
- Yellow (0%)
- Black (63%)



- Cyan (84%)
- Magenta (74%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280828766 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 4280828766 by changing the saturation by 10% instead.

■ 4280828766

■ 4280828766

4294967295

■ 4279119174

■ 4284117905

■ 4278196528

■ 4285762731

■ 4278190363

■ 4287473606

■ 4278190080

■ 4289250018

■ 4291092223

■ 4292934399

■ 4294836223

■ 4280828766

■ 4280828766

■ 4280237662

■ 4281419870

■ 4279581278

■ 4282076254

■ 4278990174

■ 4282667358

■ 4278333534

■ 4283323998

■ 4278202206

■ 4283915102

■ 4284505950

■ 4285162590

■ 4285753694

■ 4286410078

Harmonies

Analogous

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



4279060313



4280828766



4282400347

Triad

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



4280828766



4284298805



4281091888

Complementary

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



4280828766



4284367656

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.



4282270758



4280828766



4283972137

Square

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



4280828766



4284233284



4283186979



4279847230

Rectangle

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



4280828766



4283185749



4283186979



4281484844

Sweetspot

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



4280828766



4284903546



4280835651



4281415485



4290624957



4282203453

Same Dimension

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



4280828766



4280701050



4280821854



4280888366



4278204270



4278220781

Inverse Universe

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



4284360771



4286195280



4284374568



4281215276



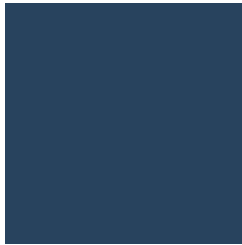
4285399095



4293722231

Previews

White Background



This preview shows how the Android color 4280828766 looks on a white background.

Color Contrast Check

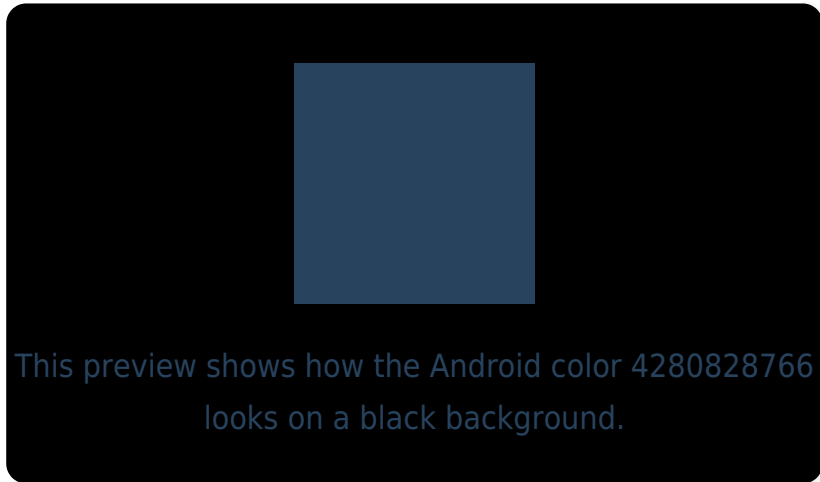
Large Text (above 18pt) WCAG AA ✓ Pass

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

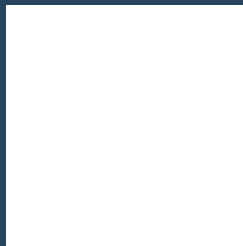
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4280828766 Background



This preview shows how black text looks on a background with the Android color 4280828766.



This preview shows how white text looks on a background with the Android color 4280828766.

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

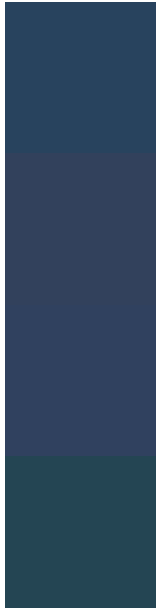


Original Color
4280828766

Protanopia
4281876571

Deuteranopia
4281614431

Trichromacy



Original Color

4280828766

Protanomaly

4281483612

Deuteranomaly

4281352543

Tritanomaly

4280567123

Monochromacy



Original Color

4280828766

Achromatopsia

4282269246

Achromatomaly

4281745482

CSS Examples

Text

The CSS property to change the color of the text to Android 4280828766 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(40, 67, 94)` looks like.

```
.text, #text, p{  
    color:rgb(40, 67, 94)  
}
```

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(40, 67, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 67, 94) }
```

Border

The CSS property to change the border of an element to Android 4280828766 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(40, 67, 94) }
```

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

```
.border{ border-color:rgb(40, 67, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 67, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 67, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 67, 94);  
box-shadow:4px 4px 4px 4px rgb(40, 67, 94)  
}
```

Background

The CSS property to change the background color of an element to Android 4280828766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 67, 94) }
```

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

```
.background{ background-color: rgb(40, 67,  
94) }
```

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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