

Converting Colors

Android(4280561732)

Have a look what the booklet for
Android(4280561732) contains.

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Color

Android(4280561732)

Conversions

Conversions Part 1

Format	Color
Hex	243044
RGB	36, 48, 68
RGB Percent	14%, 19%, 27%
CMY	0.8588, 0.8118, 0.7333
CMYK	0.47, 0.29, 0.00, 0.73
HSL	218°, 31%, 20%
HSV	218°, 47%, 27%
XYZ	2.8279, 2.9063, 5.8808
YIQ	46.6920, -13.5720, 3.6760

Conversions

Conversions Part 2

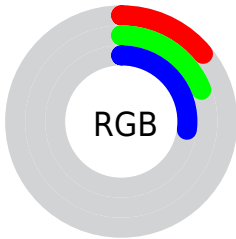
Format	Color
R_{YB}	36, 45, 68
Decimal	2371652
CIE _{Lab}	19.66, 1.21, -14.11
CIE _{LCh}	20, 14.160, 274.885
Yxy	2.9063, 0.2435, 0.2502
Android (android.graphics.Color)	4280561732 (0xFF243044)
YUV	46.6920, 10.5048, -9.3769
Hunter-Lab	17.0480, -0.2246, -8.5188

Details

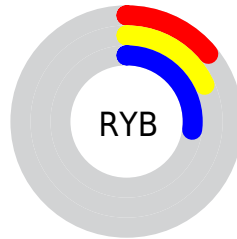
The Android color **4280561732** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4282660900**, and the grayscale version is **4281282351**.

A 20% lighter version of the original color is **4283588212**, and **4278190361** is the 20% darker color. If you saturate the color by 10%, you get **4280101956**, and if you desaturate by 10%, it is **4281021508**.

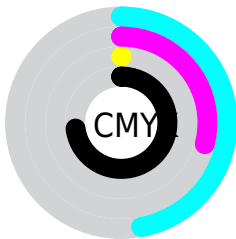
Distribution



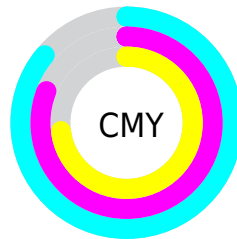
- Red (14%)
- Green (19%)
- Blue (27%)



- Red (14%)
- Yellow (18%)
- Blue (27%)



- Cyan (47%)
- Magenta (29%)
- Yellow (0%)
- Black (73%)



- Cyan (86%)
- Magenta (81%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280561732 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 4280561732 by changing the saturation by 10% instead.

■ 4280561732

■ 4280561732

4294967295

■ 4279114542

■ 4283588212

■ 4278190361

■ 4285232782

■ 4278190080

■ 4286943400

■ 4288654275

■ 4290430687

■ 4292272892

■ 4294115071

■ 4280561732

■ 4280561732

■ 4280101956

■ 4281021508

■ 4279641924

■ 4281481540

■ 4279247684

■ 4281875780

■ 4278787908

■ 4282335556

■ 4278328132

■ 4282795332

■ 4278196804

■ 4283255364

■ 4283715140

■ 4284109380

■ 4284569156

Harmonies

Analogous

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



4279513922



4280561732



4281543745

Triad

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



4280561732



4282591524



4280169510

Complementary

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



4280561732



4282660900

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.



4280955422



4280561732



4282264605

Square

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



4280561732



4282591278



4281675547



4279317809

Rectangle

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



4280561732



4282067516



4281675547



4280431651

Sweetspot

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



4280561732



4283257177



4280566840



4280690990



4289572269



4281216558

Same Dimension

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



4280561732



4280760921



4280820804



4280164129



4278199393



4278211808

Inverse Universe

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



4282655792



4284032826



4282401828



4280360479



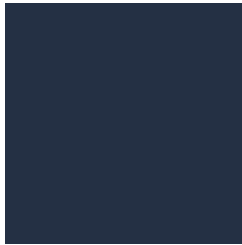
4284547108



4292870228

Previews

White Background



This preview shows how the Android color 4280561732 looks on a white background.

Color Contrast Check

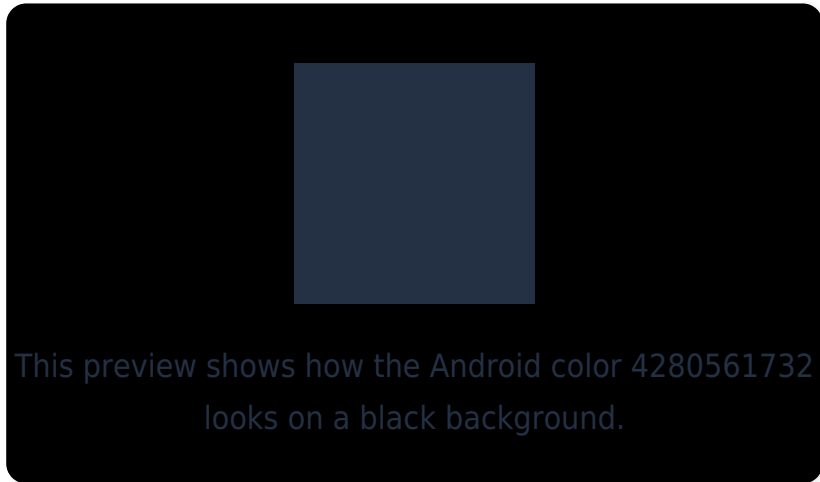
Large Text (above 18pt) WCAG AA ✓ Pass

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

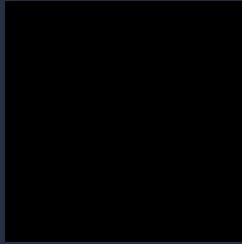
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

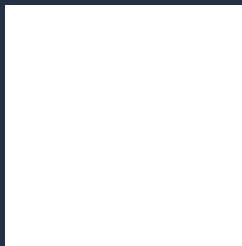
Any Text WCAG AAA × Fail

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

Android 4280561732 Background



This preview shows how black text looks on a background with the Android color 4280561732.

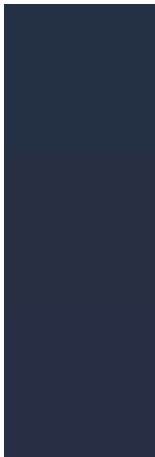


This preview shows how white text looks on a background with the Android color 4280561732.

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
4280561732

Protanopia
4280889155

Deuteranopia
4280823620

Trichromacy



Original Color
4280561732

Protanomaly
4280758083

Deuteranomaly
4280758084

Tritanomaly
4280365628

Monochromacy



Original Color
4280561732

Achromatopsia
4281282351

Achromatomaly
4281020215

CSS Examples

Text

The CSS property to change the color of the text to Android 4280561732 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, 48, 68)` looks like.

```
.text, #text, p{  
    color:rgb(36, 48, 68)  
}
```

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, 48, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 48, 68) }
```

Border

The CSS property to change the border of an element to Android 4280561732 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, 48, 68) }
```

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

```
.border{ border-color:rgb(36, 48, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 48, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 48, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 48, 68);  
box-shadow:4px 4px 4px 4px rgb(36, 48, 68)  
}
```

Background

The CSS property to change the background color of an element to Android 4280561732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 48, 68) }
```

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

```
.background{ background-color: rgb(36, 48,  
68) }
```

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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