

Converting Colors

Android(4280352845)

Have a look what the booklet for
Android(4280352845) contains.

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Color

Android(4280352845)

Conversions

Conversions Part 1

Format	Color
Hex	21004D
RGB	33, 0, 77
RGB Percent	13%, 0%, 30%
CMY	0.8706, 1.0000, 0.6980
CMYK	0.57, 1.00, 0.00, 0.70
HSL	266°, 100%, 15%
HSV	266°, 100%, 30%
XYZ	1.9668, 0.8592, 7.0834
YIQ	18.6450, -5.0490, 30.9430

Conversions

Conversions Part 2

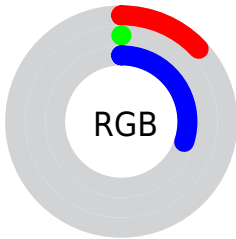
Format	Color
R_{YB}	33, 0, 77
Decimal	2162765
CIE _{Lab}	7.76, 34.85, -39.47
CIE _{LCh}	8, 52.656, 311.445
Yxy	0.8592, 0.1985, 0.0867
Android (android.graphics.Color)	4280352845 (0xFF21004D)
YUV	18.6450, 28.7690, 12.5893
Hunter-Lab	9.2691, 21.6541, -38.8207

Details

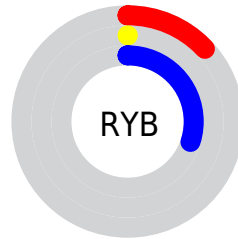
The Android color **4280352845** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **4281093376**, and the grayscale version is **4279374354**.

A 20% lighter version of the original color is **4283707007**, and **4278190623** is the 20% darker color. If you saturate the color by 10%, you get **4280352845**, and if you desaturate by 10%, it is **4280617037**.

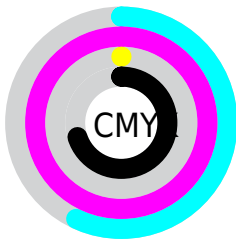
Distribution



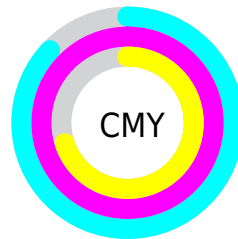
- Red (13%)
- Green (0%)
- Blue (30%)



- Red (13%)
- Yellow (0%)
- Blue (30%)



- Cyan (57%)
- Magenta (100%)
- Yellow (0%)
- Black (70%)



- Cyan (87%)
- Magenta (100%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280352845 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 4280352845 by changing the saturation by 10% instead.

 4280352845

 4280352845

 4294960383

 4278779958

 4283707007

 4278190623

 4285416857

 4278190083

 4287192756

 4278190080

 4288968656

 4290810349

 4292717823

 4294625535

 4280352845

■ 4280617037

■ 4280946509

■ 4281210701

■ 4281540429

■ 4281804621

■ 4282068557

■ 4282398285

■ 4282662477

■ 4282991949

Harmonies

Analogous

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



4278196574



4280352845



4282777646

Triad

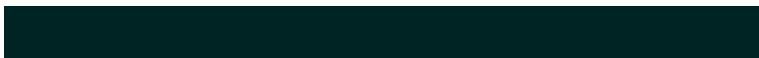
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4280352845



4281273344



4278199076

Complementary

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



4280352845



4281093376

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.



4278198784



4280352845



4279245568

Square

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



4280352845



4282646528



4278198784



4278199622

Rectangle

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



4280352845



4283236375



4278198784



4278199064

Sweetspot

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



4280352845



4283582051



4278201677



4280885555



4289967027



4281545523

Same Dimension

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



4280352845



4281008227



4282843213



4280558118



4281073766



4284612838

Inverse Universe

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



4283236396



4284678201



4278603008



4280689189



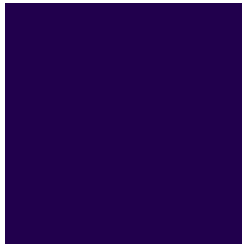
4284874810



4293263491

Previews

White Background



This preview shows how the Android color 4280352845 looks on a white background.

Color Contrast Check

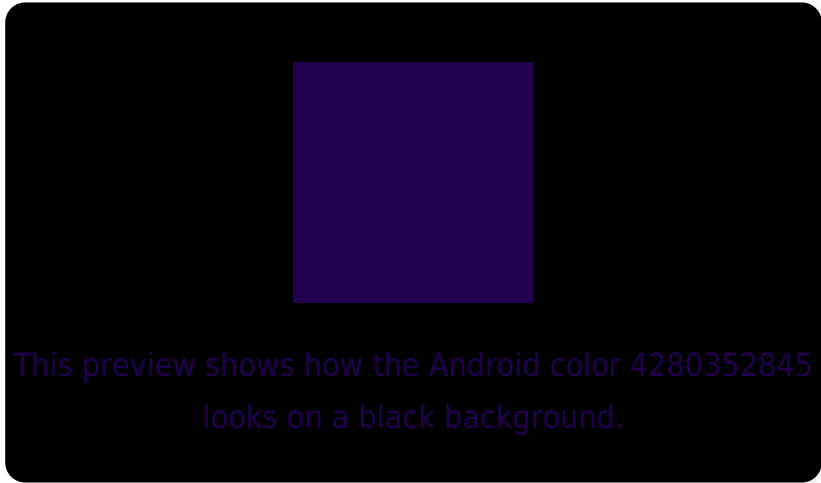
Large Text (above 18pt) WCAG AA ✓ Pass

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

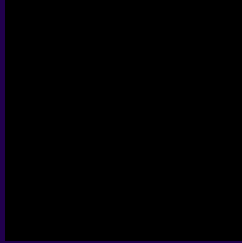
Any Text WCAG AA × Fail

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 4280352845 Background



This preview shows how black text looks on a background with the Android color 4280352845.



This preview shows how white text looks on a background with the Android color 4280352845.

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
4280352845

Protanopia
4278197048

Deuteranopia
4278197552



Tritanopia
4279246368

Trichromacy



Original Color
4280352845

Protanomaly
4278980928

Deuteranomaly
4278981179

Tritanomaly
4279636784

Monochromacy



Original Color
4280352845

Achromatopsia
4279440147

Achromatomaly
4279766056

CSS Examples

Text

The CSS property to change the color of the text to Android 4280352845 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(33, 0, 77)` looks like.

```
.text, #text, p{  
    color:rgb(33, 0, 77)  
}
```

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(33, 0, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 0, 77) }
```

Border

The CSS property to change the border of an element to Android 4280352845 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(33, 0, 77) }
```

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

```
.border{ border-color:rgb(33, 0, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 0, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 0, 77); -webkit-box-shadow:4px  
4px 4px 4px rgb(33, 0, 77); box-shadow:4px  
4px 4px 4px rgb(33, 0, 77) }
```

Background

The CSS property to change the background color of an element to Android 4280352845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 0, 77) }
```

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

```
.background{ background-color: rgb(33, 0,  
77) }
```

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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