

Converting Colors

Android(4280171865)

Have a look what the booklet for
Android(4280171865) contains.

Android(4280171865)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4280171865)

Conversions

Conversions Part 1

Format	Color
Hex	1E3D59
RGB	30, 61, 89
RGB Percent	12%, 24%, 35%
CMY	0.8824, 0.7608, 0.6510
CMYK	0.66, 0.31, 0.00, 0.65
HSL	208°, 50%, 23%
HSV	208°, 66%, 35%
XYZ	4.0073, 4.3348, 10.0767
YIQ	54.9230, -27.4640, 2.1360

Conversions

Conversions Part 2

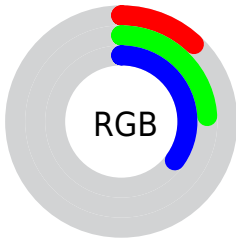
Format	Color
R_{YB}	30, 50, 89
Decimal	1981785
CIE _{Lab}	24.75, -1.62, -20.21
CIE _{LCh}	25, 20.274, 265.426
Yxy	4.3348, 0.2176, 0.2353
Android (android.graphics.Color)	4280171865 (0xFF1E3D59)
YUV	54.9230, 16.8000, -21.8575
Hunter-Lab	20.8201, -2.0786, -14.1215

Details

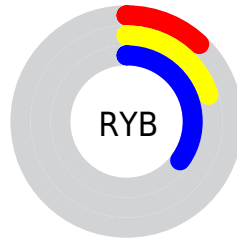
The Android color **4280171865** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4284037662**, and the grayscale version is **4281808695**.

A 20% lighter version of the original color is **4283460747**, and **4278194987** is the 20% darker color. If you saturate the color by 10%, you get **4279581017**, and if you desaturate by 10%, it is **4280762713**.

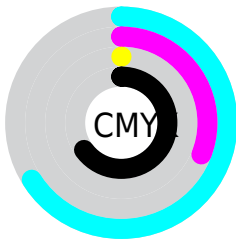
Distribution



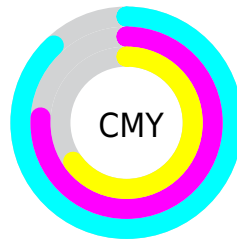
- Red (12%)
- Green (24%)
- Blue (35%)



- Red (12%)
- Yellow (20%)
- Blue (35%)



- Cyan (66%)
- Magenta (31%)
- Yellow (0%)
- Black (65%)



- Cyan (88%)
- Magenta (76%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280171865 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 4280171865 by changing the saturation by 10% instead.



4280171865



4280171865

4294967295



4278200129



4283460747



4278194987



4285171110



4278190358



4286881985



4278190080



4288658141



4290434809



4292342783



4294180863



4280171865



4280171865

■ 4279581017

■ 4280762713

■ 4278990169

■ 4281353561

■ 4278399065

■ 4281944665

■ 4278202201

■ 4282535513

■ 4283126361

■ 4283651673

■ 4284242777

■ 4284833625

■ 4285424473

Harmonies

Analogous

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



4278206804



4280171865



4281940054

Triad

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



4280171865



4283969326



4280631593

Complementary

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



4280171865



4284037662

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.



4281810462



4280171865



4283577378

Square

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



4280171865



4283838270



4282792220



4279059256

Rectangle

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



4280171865



4282790992



4282792220



4281024549

Sweetspot

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



4280171865



4284246131



4280179002



4281152571



4290427578



4282071867

Same Dimension

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



4280171865



4279715699



4280164441



4280756523



4278204523



4278221803

Inverse Universe

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



4284030525



4285732679



4284045086



4281018153



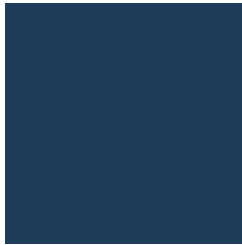
4285202488



4293591163

Previews

White Background



This preview shows how the Android color 4280171865 looks on a white background.

Color Contrast Check

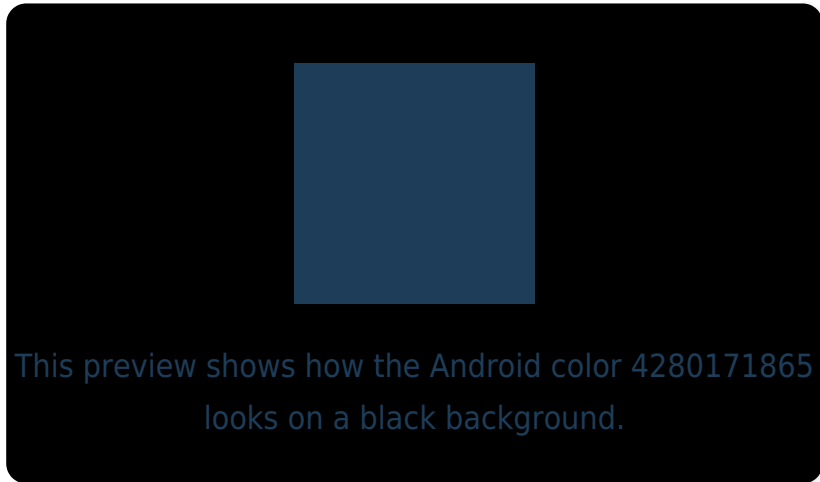
Large Text (above 18pt) WCAG AA ✓ Pass

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

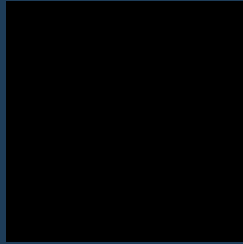
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

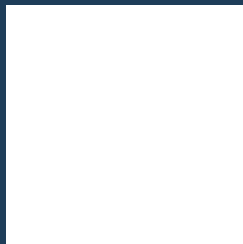
Any Text WCAG AAA × Fail

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

Android 4280171865 Background



This preview shows how black text looks on a background with the Android color 4280171865.



This preview shows how white text looks on a background with the Android color 4280171865.

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

4280171865

Protanopia

4281416278

Deuteranopia

4281088858

Trichromacy



Original Color

4280171865

Protanomaly

4280957783

Deuteranomaly

4280761434

Tritanomaly

4279648333

Monochromacy



Original Color

4280171865

Achromatopsia

4281808695

Achromatomaly

4281219395

CSS Examples

Text

The CSS property to change the color of the text to Android 4280171865 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(30, 61, 89)` looks like.

```
.text, #text, p{  
    color:rgb(30, 61, 89)  
}
```

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(30, 61, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 61, 89) }
```

Border

The CSS property to change the border of an element to Android 4280171865 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(30, 61, 89) }
```

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

```
.border{ border-color:rgb(30, 61, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 61, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 61, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 61, 89);  
box-shadow:4px 4px 4px 4px rgb(30, 61, 89)  
}
```

Background

The CSS property to change the background color of an element to Android 4280171865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 61, 89) }
```

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

```
.background{ background-color: rgb(30, 61,  
89) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor