

Converting Colors

Android(4279448164)

Have a look what the booklet for
Android(4279448164) contains.

Android(4279448164)	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(4279448164)

Conversions

Conversions Part 1

Format	Color
Hex	133264
RGB	19, 50, 100
RGB Percent	7%, 20%, 39%
CMY	0.9255, 0.8039, 0.6078
CMYK	0.81, 0.50, 0.00, 0.61
HSL	217°, 68%, 23%
HSV	217°, 81%, 39%
XYZ	3.7094, 3.3398, 12.5057
YIQ	46.4310, -34.5260, 8.9780

Conversions

Conversions Part 2

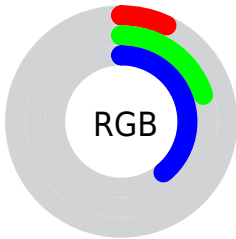
Format	Color
R_{YB}	19, 41, 100
Decimal	1258084
CIE _{Lab}	21.36, 8.58, -32.81
CIE _{LCh}	21, 33.914, 284.658
Yxy	3.3398, 0.1897, 0.1708
Android (android.graphics.Color)	4279448164 (0xFF133264)
YUV	46.4310, 26.4095, -24.0570
Hunter-Lab	18.2750, 4.2503, -27.7801

Details

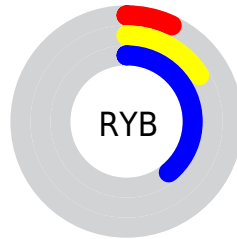
The Android color **4279448164** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4284761363**, and the grayscale version is **4281216558**.

A 20% lighter version of the original color is **4283195543**, and **4278190901** is the 20% darker color. If you saturate the color by 10%, you get **4278791268**, and if you desaturate by 10%, it is **4280105060**.

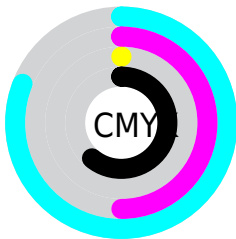
Distribution



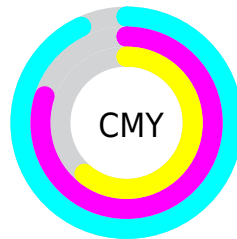
- Red (7%)
- Green (20%)
- Blue (39%)



- Red (7%)
- Yellow (16%)
- Blue (39%)



- Cyan (81%)
- Magenta (50%)
- Yellow (0%)
- Black (61%)



- Cyan (93%)
- Magenta (80%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279448164 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 4279448164 by changing the saturation by 10% instead.

■ 4279448164

■ 4279448164

4294967295

■ 4278197580

■ 4283195543

■ 4278190901

■ 4284905650

■ 4278190623

■ 4286681806

■ 4278190082

■ 4288457962

■ 4278190080

■ 4290300159

■ 4292142335

■ 4294049791

■ 4279448164

■ 4279448164

■ 4278791268

■ 4280105060

■ 4278199908

■ 4280761956

■ 4281419108

■ 4282076004

■ 4282732900

■ 4283389796

■ 4284046692

■ 4284703588

■ 4285360740

Harmonies

Analogous

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



4278205028



4279448164



4282656599

Triad

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



4279448164



4284031505



4278205989

Complementary

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



4279448164



4284761363

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.



4279646988



4279448164



4283051264

Square

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



4279448164



4284487976



4281611776



4278206271

Rectangle

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



4279448164



4283703113



4281611776



4278205725

Sweetspot

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



4279448164



4284706690



4279460933



4281284162



4290953922



4282532418

Same Dimension

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



4279448164



4278465666



4280030052



4281217075



4278201459



4278214130

Inverse Universe

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



4284748594



4286710836



4284179475



4281544240



4285726764



4294049885

Previews

White Background



This preview shows how the Android color 4279448164 looks on a white background.

Color Contrast Check

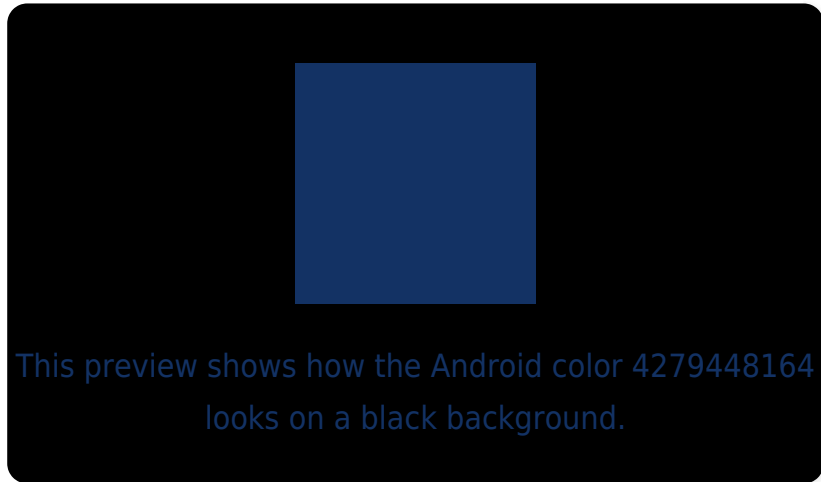
Large Text (above 18pt) WCAG AA ✓ Pass

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

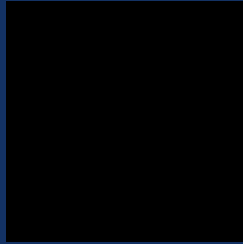
Any Text WCAG AA × Fail

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 4279448164 Background



This preview shows how black text looks on a background with the Android color 4279448164.



This preview shows how white text looks on a background with the Android color 4279448164.

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
4279448164

Protanopia
4279644772

Deuteranopia
4278203740

Trichromacy



Original Color

4279448164

Protanomaly

4279579236

Deuteranomaly

4278662239

Tritanomaly

4278662731

Monochromacy



Original Color

4279448164

Achromatopsia

4281216558

Achromatomaly

4280561474

CSS Examples

Text

The CSS property to change the color of the text to Android 4279448164 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(19, 50, 100)` looks like.

```
.text, #text, p{  
    color:rgb(19, 50, 100)  
}
```

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(19, 50, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 50, 100) }
```

Border

The CSS property to change the border of an element to Android 4279448164 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(19, 50, 100) }
```

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

```
.border{ border-color:rgb(19, 50, 100) }
```

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

Here you see how a box with a 4 pixel rgb(19, 50, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 50, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 50, 100);  
box-shadow:4px 4px 4px 4px rgb(19, 50,  
100) }
```

Background

The CSS property to change the background color of an element to Android 4279448164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 50, 100) }
```

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

```
.background{ background-color: rgb(19, 50,  
100) }
```

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