

Converting Colors

Android(4279568416)

Have a look what the booklet for
Android(4279568416) contains.

Android(4279568416)	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(4279568416)

Conversions

Conversions Part 1

Format	Color
Hex	150820
RGB	21, 8, 32
RGB Percent	8%, 3%, 13%
CMY	0.9176, 0.9686, 0.8745
CMYK	0.34, 0.75, 0.00, 0.87
HSL	272°, 60%, 8%
HSV	272°, 75%, 13%
XYZ	0.6568, 0.4374, 1.4163
YIQ	14.6230, 0.0440, 10.2200

Conversions

Conversions Part 2

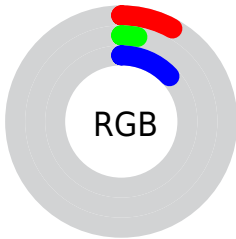
Format	Color
R_{YB}	21, 8, 32
Decimal	1378336
CIE Lab	3.95, 9.88, -12.64
CIE LCh	4, 16.039, 308.006
Yxy	0.4374, 0.2616, 0.1742
Android (android.graphics.Color)	4279568416 (0xFF150820)
YUV	14.6230, 8.5669, 5.5926
Hunter-Lab	6.6135, 6.1538, -8.0678

Details

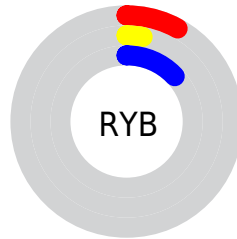
The Android color **4279568416** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **4279443464**, and the grayscale version is **4279176975**.

A 20% lighter version of the original color is **4282332492**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4279502112**, and if you desaturate by 10%, it is **4279634720**.

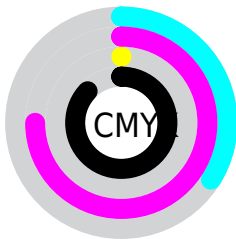
Distribution



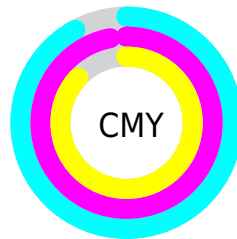
- Red (8%)
- Green (3%)
- Blue (13%)



- Red (8%)
- Yellow (3%)
- Blue (13%)



- Cyan (34%)
- Magenta (75%)
- Yellow (0%)
- Black (87%)



- Cyan (92%)
- Magenta (97%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279568416 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 4279568416 by changing the saturation by 10% instead.

■ 4279568416

■ 4279568416

■ 4294371583

■ 4278190085

■ 4282332492

■ 4278190080

■ 4283845476

■ 4285490045

■ 4287134871

■ 4288845489

■ 4290621901

■ 4292463849

■ 4279568416

■ 4279568416

■ 4279502112

■ 4279634720

■ 4279370272

■ 4279766560

■ 4279304224

■ 4279833120

■ 4279964960

■ 4280031264

■ 4280163104

■ 4280229408

■ 4280361504

■ 4280427808

Harmonies

Analogous

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



4278193700



4279568416



4280222488

Triad

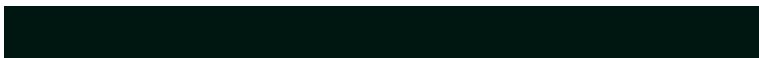
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4279568416



4280027392



4278195729

Complementary

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



4279568416



4279443464

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.



4278195456



4279568416



4279242496

Square

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



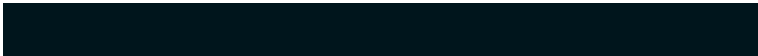
4279568416



4280484864



4278194944



4278195484

Rectangle

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



4279568416



4280484368



4278194944



4278195724

Sweetspot

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



4279568416



4280557353



4278719264



4279373588



4287927444



4279505940

Same Dimension

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



4279568416



4279764009



4280289311



4279176719



4281008207



4285530319

Inverse Universe

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



4280289299



4280878101



4278722569



4279176718



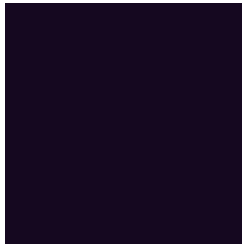
4283367460



4291756127

Previews

White Background



This preview shows how the Android color 4279568416 looks on a white background.

Color Contrast Check

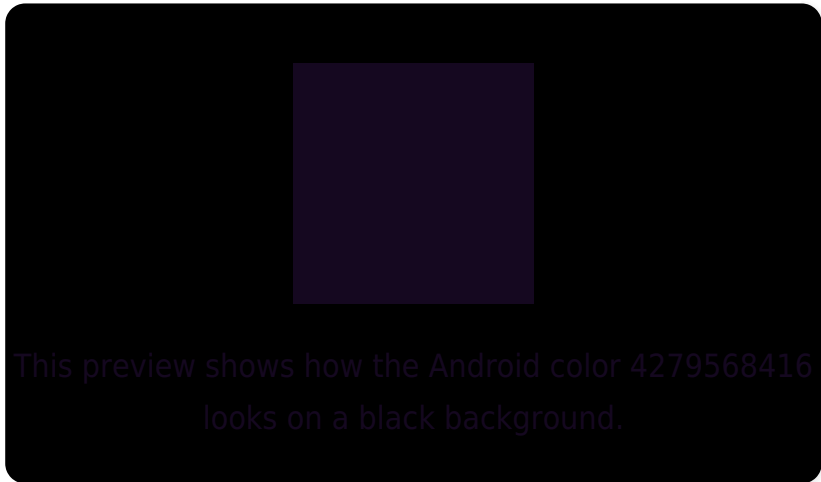
Large Text (above 18pt) WCAG AA ✓ Pass

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

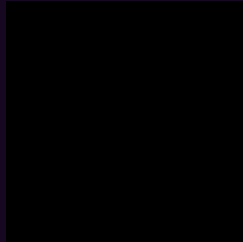
Any Text WCAG AA × Fail

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 4279568416 Background



This preview shows how black text looks on a background with the Android color 4279568416.



This preview shows how white text looks on a background with the Android color 4279568416.

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
4279568416

Protanopia
4278193951

Deuteranopia
4278194203



Tritanopia
4279373327

Trichromacy



Original Color

4279568416

Protanomaly

4278717471

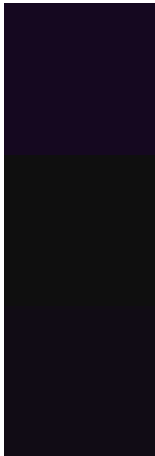
Deuteranomaly

4278717725

Tritanomaly

4279438357

Monochromacy



Original Color

4279568416

Achromatopsia

4279176975

Achromatomaly

4279307285

CSS Examples

Text

The CSS property to change the color of the text to Android 4279568416 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(21, 8, 32)` looks like.

```
.text, #text, p{  
    color:rgb(21, 8, 32)  
}
```

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(21, 8, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 8, 32) }
```

Border

The CSS property to change the border of an element to Android 4279568416 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(21, 8, 32) }
```

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

```
.border{ border-color:rgb(21, 8, 32) }
```

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

Here you see how a box with a 4 pixel rgb(21, 8, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 8, 32); -webkit-box-shadow:4px  
4px 4px 4px rgb(21, 8, 32); box-shadow:4px  
4px 4px 4px rgb(21, 8, 32) }
```

Background

The CSS property to change the background color of an element to Android 4279568416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 8, 32) }
```

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

```
.background{ background-color: rgb(21, 8,  
32) }
```

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