

Converting Colors

Android(4278522936)

Have a look what the booklet for
Android(4278522936) contains.

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Color

Android(4278522936)

Conversions

Conversions Part 1

Format	Color
Hex	051438
RGB	5, 20, 56
RGB Percent	2%, 8%, 22%
CMY	0.9804, 0.9216, 0.7804
CMYK	0.91, 0.64, 0.00, 0.78
HSL	222°, 84%, 12%
HSV	222°, 91%, 22%
XYZ	1.0266, 0.8181, 3.8452
YIQ	19.6190, -20.4960, 8.0160

Conversions

Conversions Part 2

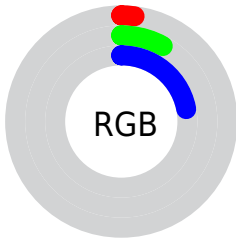
Format	Color
R_{YB}	5, 17, 56
Decimal	332856
CIE _{Lab}	7.39, 9.70, -25.29
CIE _{LCh}	7, 27.088, 290.993
Yxy	0.8181, 0.1804, 0.1438
Android (android.graphics.Color)	4278522936 (0xFF051438)
YUV	19.6190, 17.9358, -12.8209
Hunter-Lab	9.0449, 4.4304, -18.8741

Details

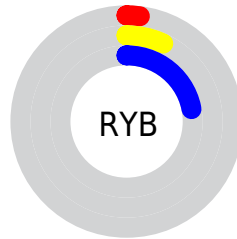
The Android color **4278522936** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **4281870597**, and the grayscale version is **4279440147**.

A 20% lighter version of the original color is **4281876071**, and **4278190089** is the 20% darker color. If you saturate the color by 10%, you get **4278194232**, and if you desaturate by 10%, it is **4278917176**.

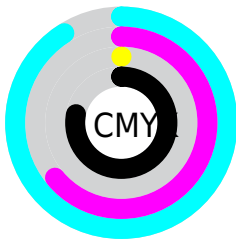
Distribution



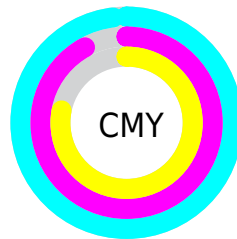
- Red (2%)
- Green (8%)
- Blue (22%)



- Red (2%)
- Yellow (7%)
- Blue (22%)



- Cyan (91%)
- Magenta (64%)
- Yellow (0%)
- Black (78%)



- Cyan (98%)
- Magenta (92%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278522936 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 4278522936 by changing the saturation by 10% instead.

■ 4278522936

■ 4278522936

■ 4294112255

■ 4278190626

■ 4281876071

■ 4278190089

■ 4283454849

■ 4278190080

■ 4285099419

■ 4286809782

■ 4288585937

■ 4290362350

■ 4292204543

■ 4278522936

■ 4278522936

■ 4278194232

■ 4278917176

■ 4279245880

■ 4279640120

■ 4279968824

■ 4280363064

■ 4280757304

■ 4281086008

■ 4281480248

■ 4281808952

Harmonies

Analogous

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



4278196794



4278522936



4280683053

Triad

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



4278522936



4281207552



4278198287

Complementary

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



4278522936



4281870597

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.



4278197760



4278522936



4280423424

Square

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



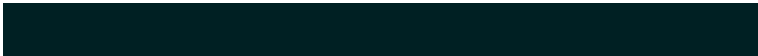
4278522936



4281664005



4279179776



4278198307

Rectangle

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



4278522936



4281336866



4279179776



4278198020

Sweetspot

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



4278522936



4281744458



4278532137



4279901734



4289111718



4280690214

Same Dimension

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



4278522936



4278195786



4279174456



4279835164



4278197084



4278206683

Inverse Universe

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



4281861396



4283039766



4281219077



4280031514



4284219419



4292542528

Previews

White Background



This preview shows how the Android color 4278522936 looks on a white background.

Color Contrast Check

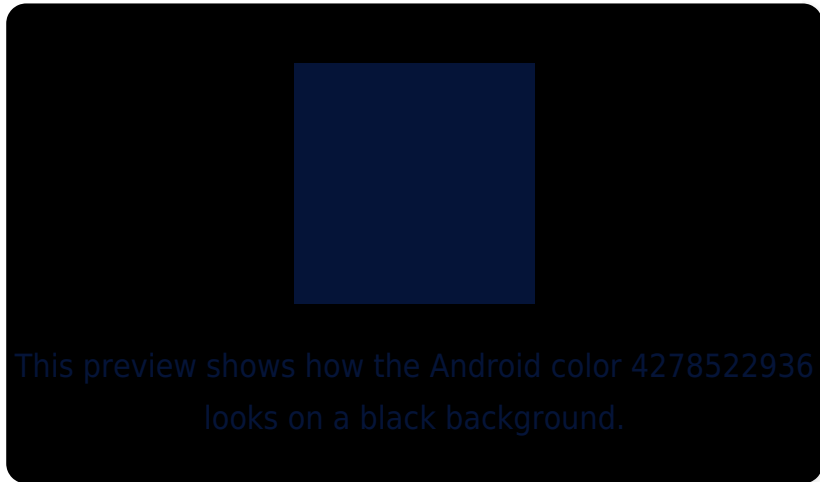
Large Text (above 18pt) WCAG AA ✓ Pass

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

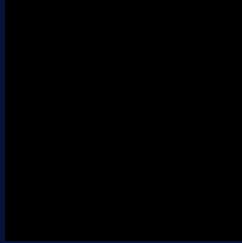
Any Text WCAG AA × Fail

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 4278522936 Background



This preview shows how black text looks on a background with the Android color 4278522936.



This preview shows how white text looks on a background with the Android color 4278522936.

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
4278522936

Protanopia
4278196016

Deuteranopia
4278196265

Trichromacy



Original Color

4278522936

Protanomaly

4278326835

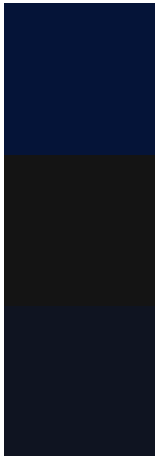
Deuteranomaly

4278327086

Tritanomaly

4278327334

Monochromacy



Original Color

4278522936

Achromatopsia

4279505940

Achromatomaly

4279178273

CSS Examples

Text

The CSS property to change the color of the text to Android 4278522936 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(5, 20, 56)` looks like.

```
.text, #text, p{  
    color:rgb(5, 20, 56)  
}
```

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(5, 20, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 20, 56) }
```

Border

The CSS property to change the border of an element to Android 4278522936 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(5, 20, 56) }
```

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

```
.border{ border-color:rgb(5, 20, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 20, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 20, 56); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 20, 56); box-shadow:4px  
4px 4px 4px rgb(5, 20, 56) }
```

Background

The CSS property to change the background color of an element to Android 4278522936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 20, 56) }
```

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

```
.background{ background-color: rgb(5, 20,  
56) }
```

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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