

Converting Colors

Android(4278456362)

Have a look what the booklet for
Android(4278456362) contains.

Android(4278456362)	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(4278456362)

Conversions

Conversions Part 1

Format	Color
Hex	04102A
RGB	4, 16, 42
RGB Percent	2%, 6%, 16%
CMY	0.9843, 0.9373, 0.8353
CMYK	0.90, 0.62, 0.00, 0.84
HSL	221°, 83%, 9%
HSV	221°, 90%, 16%
XYZ	0.6533, 0.5636, 2.2648
YIQ	15.3760, -15.4980, 5.5420

Conversions

Conversions Part 2

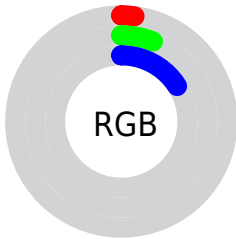
Format	Color
RYB	4, 13, 42
Decimal	266282
CIELab	5.09, 4.82, -18.64
CIELCh	5, 19.253, 284.494
Yxy	0.5636, 0.1876, 0.1619
Android (android.graphics.Color)	4278456362 (0xFF04102A)
YUV	15.3760, 13.1256, -9.9768
Hunter-Lab	7.5071, 2.3960, -12.6325

Details

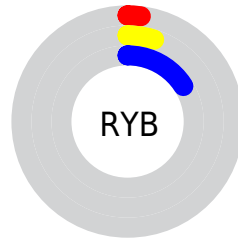
The Android color **4278456362** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **4280950276**, and the grayscale version is **4279176975**.

A 20% lighter version of the original color is **4281482072**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4278193450**, and if you desaturate by 10%, it is **4278719274**.

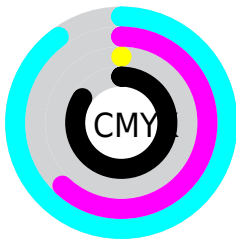
Distribution



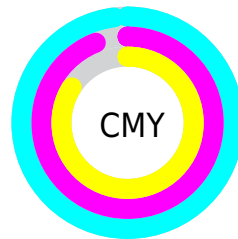
- Red (2%)
- Green (6%)
- Blue (16%)



- Red (2%)
- Yellow (5%)
- Blue (16%)



- Cyan (90%)
- Magenta (62%)
- Yellow (0%)
- Black (84%)



- Cyan (98%)
- Magenta (94%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278456362 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 4278456362 by changing the saturation by 10% instead.

■ 4278456362

■ 4278456362

■ 4293455871

■ 4278190357

■ 4281482072

■ 4278190080

■ 4282995056

■ 4284639882

■ 4286284708

■ 4287995327

■ 4289771483

■ 4291613687

■ 4278456362

■ 4278456362

■ 4278193450

■ 4278719274

■ 4278982186

■ 4279310634

■ 4279573290

■ 4279836202

■ 4280099114

■ 4280362026

■ 4280690474

■ 4280953386

Harmonies

Analogous

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



4278195498



4278456362



4279962148

Triad

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



4278456362



4280682240



4278196485

Complementary

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



4278456362



4280950276

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.



4278195968



4278456362



4280159488

Square

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



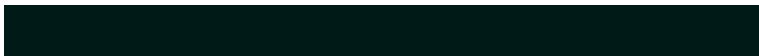
4278456362



4280877832



4279177984



4278196760

Rectangle

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



4278456362



4280485405



4279177984



4278196480

Sweetspot

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



4278456362



4280757302



4278463006



4279440924



4288453788



4280032284

Same Dimension

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



4278456362



4278194486



4278912042



4279374612



4278197076



4278207444

Inverse Universe

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



4280943632



4281729041



4280494596



4279505427



4283695131



4292083779

Previews

White Background



This preview shows how the Android color 4278456362 looks on a white background.

Color Contrast Check

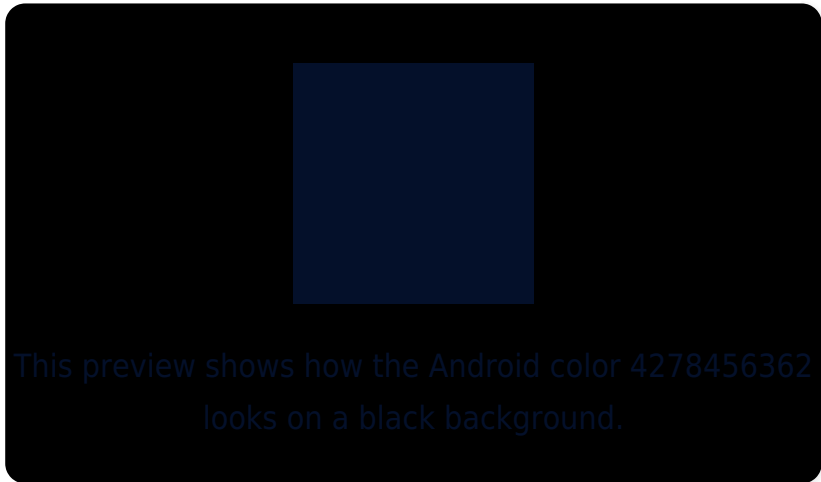
Large Text (above 18pt) WCAG AA ✓ Pass

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

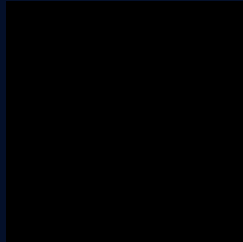
Any Text WCAG AA × Fail

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 4278456362 Background



This preview shows how black text looks on a background with the Android color 4278456362.



This preview shows how white text looks on a background with the Android color 4278456362.

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
4278456362

Protanopia
4278194725

Deuteranopia
4278194976



Tritanopia
4278195221

Trichromacy



Original Color

4278456362

Protanomaly

4278260007

Deuteranomaly

4278260260

Tritanomaly

4278260509

Monochromacy



Original Color

4278456362

Achromatopsia

4279176975

Achromatomaly

4278914841

CSS Examples

Text

The CSS property to change the color of the text to Android 4278456362 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(4, 16, 42)` looks like.

```
.text, #text, p{  
    color:rgb(4, 16, 42)  
}
```

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(4, 16, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 16, 42) }
```

Border

The CSS property to change the border of an element to Android 4278456362 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(4, 16, 42) }
```

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

```
.border{ border-color:rgb(4, 16, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 16, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 16, 42); -webkit-box-shadow:4px  
4px 4px 4px rgb(4, 16, 42); box-shadow:4px  
4px 4px 4px rgb(4, 16, 42) }
```

Background

The CSS property to change the background color of an element to Android 4278456362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 16, 42) }
```

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

```
.background{ background-color: rgb(4, 16,  
42) }
```

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