

Converting Colors

Android(4278204768)

Have a look what the booklet for
Android(4278204768) contains.

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Color

Android(4278204768)

Conversions

Conversions Part 1

Format	Color
Hex	003960
RGB	0, 57, 96
RGB Percent	0%, 22%, 38%
CMY	1.0000, 0.7765, 0.6235
CMYK	1.00, 0.41, 0.00, 0.62
HSL	204°, 100%, 19%
HSV	204°, 100%, 38%
XYZ	3.5744, 3.7708, 11.6058
YIQ	44.4030, -46.4910, 0.0450

Conversions

Conversions Part 2

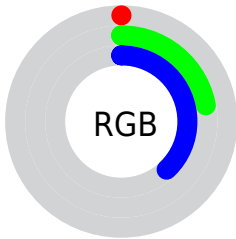
Format	Color
RYB	0, 36, 96
Decimal	14688
CIELab	22.90, -0.15, -27.76
CIELCh	23, 27.761, 269.692
Yxy	3.7708, 0.1886, 0.1990
Android (android.graphics.Color)	4278204768 (0xFF003960)
YUV	44.4030, 25.4373, -38.9414
Hunter-Lab	19.4185, -1.1251, -21.8426

Details

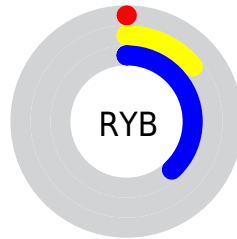
The Android color **4278204768** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4284491520**, and the grayscale version is **4281084972**.

A 20% lighter version of the original color is **4282542227**, and **4278193713** is the 20% darker color. If you saturate the color by 10%, you get **4278204768**, and if you desaturate by 10%, it is **4278861152**.

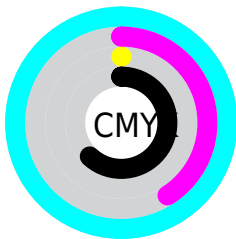
Distribution



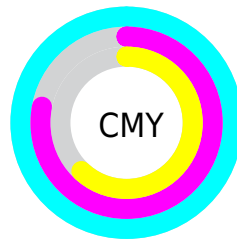
- Red (0%)
- Green (22%)
- Blue (38%)



- Red (0%)
- Yellow (14%)
- Blue (38%)



- Cyan (100%)
- Magenta (41%)
- Yellow (0%)
- Black (62%)



- Cyan (100%)
- Magenta (78%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278204768 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 4278204768 by changing the saturation by 10% instead.

 4278204768

 4278204768

4294967295

 4278199368

 4282542227

 4278193713

 4284318126


 4278190364

 4286028745

 4278190080

 4287870437

 4289647103

 4291554815

 4293394431

 4278204768

■ 4278861152

■ 4279452000

■ 4280108384

■ 4280699232

■ 4281355616

■ 4282011744

■ 4282602592

■ 4283258976

■ 4283849824

Harmonies

Analogous

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



4278206042



4278204768



4281807195

Triad

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



4278204768



4284163619



4279254817

Complementary

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



4278204768



4284491520

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.



4281154320



4278204768



4283575827

Square

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



4278204768



4284163128



4282529290



4278206774

Rectangle

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



4278204768



4282985298



4282529290



4280040987

Sweetspot

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



4278204768



4283919997



4278214694



4280890944



4290756543



4282400832

Same Dimension

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



4278204768



4278209149



4278192736



4281085488



4278207344



4278226672

Inverse Universe

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



4284481593



4286382154



4284503552



4281347118



4285530179



4293918862

Previews

White Background



This preview shows how the Android color 4278204768 looks on a white background.

Color Contrast Check

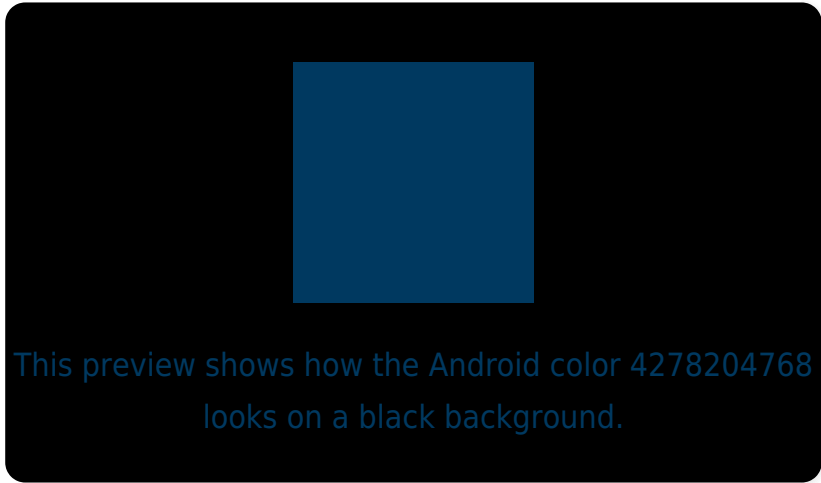
Large Text (above 18pt) WCAG AA ✓ Pass

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

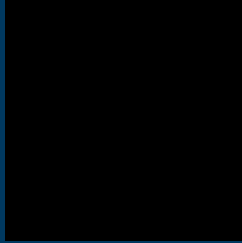
Any Text WCAG AA × Fail

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 4278204768 Background



This preview shows how black text looks on a background with the Android color 4278204768.



This preview shows how white text looks on a background with the Android color 4278204768.

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

4278204768

Protanopia

4280759901

Deuteranopia

4279646304

Trichromacy



Original Color
4278204768

Protanomaly
4279842654

Deuteranomaly
4279122016

Tritanomaly
4278205517

Monochromacy



Original Color
4278204768

Achromatopsia
4281084972

Achromatomaly
4280037695

CSS Examples

Text

The CSS property to change the color of the text to Android 4278204768 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(0, 57, 96)` looks like.

```
.text, #text, p{  
    color:rgb(0, 57, 96)  
}
```

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(0, 57, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 57, 96) }
```

Border

The CSS property to change the border of an element to Android 4278204768 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(0, 57, 96) }
```

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

```
.border{ border-color:rgb(0, 57, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 57, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 57, 96); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 57, 96); box-shadow:4px  
4px 4px 4px rgb(0, 57, 96) }
```

Background

The CSS property to change the background color of an element to Android 4278204768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 57, 96) }
```

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

```
.background{ background-color: rgb(0, 57,  
96) }
```

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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