

Converting Colors

Android(4278863720)

Have a look what the booklet for
Android(4278863720) contains.

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Color

Android(4278863720)

Conversions

Conversions Part 1

Format	Color
Hex	0A4768
RGB	10, 71, 104
RGB Percent	4%, 28%, 41%
CMY	0.9608, 0.7216, 0.5922
CMYK	0.90, 0.32, 0.00, 0.59
HSL	201°, 82%, 22%
HSV	201°, 90%, 41%
XYZ	4.8771, 5.5705, 13.9149
YIQ	56.5230, -46.9490, -2.6690

Conversions

Conversions Part 2

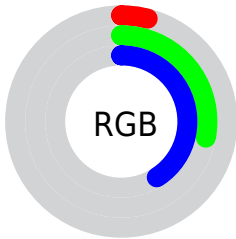
Format	Color
RYB	10, 47, 104
Decimal	673640
CIELab	28.30, -5.16, -24.36
CIElCh	28, 24.898, 258.046
Yxy	5.5705, 0.2002, 0.2287
Android (android.graphics.Color)	4278863720 (0xFF0A4768)
YUV	56.5230, 23.4062, -40.8007
Hunter-Lab	23.6019, -4.4179, -18.4341

Details

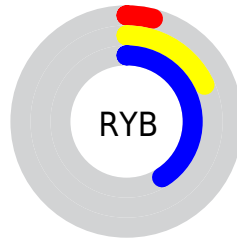
The Android color **4278863720** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **4285016842**, and the grayscale version is **4281874488**.

A 20% lighter version of the original color is **4283004827**, and **4278197305** is the 20% darker color. If you saturate the color by 10%, you get **4278207336**, and if you desaturate by 10%, it is **4279520104**.

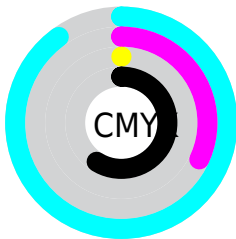
Distribution



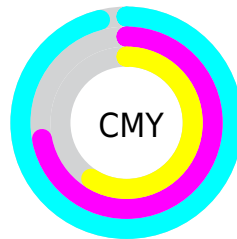
- Red (4%)
- Green (28%)
- Blue (41%)



- Red (4%)
- Yellow (18%)
- Blue (41%)



- Cyan (90%)
- Magenta (32%)
- Yellow (0%)
- Black (59%)



- Cyan (96%)
- Magenta (72%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278863720 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 4278863720 by changing the saturation by 10% instead.

 4278863720

 4278863720

4294967295

 4278202704

 4283004827

 4278197305

 4284780982

 4278190627

 4286557138

 4278190090

 4288333806

 4278190080

 4290175999

 4292018175

 4293984255

 4278863720

 4278863720

■ 4278207336

■ 4279520104

■ 4280241768

■ 4280898152

■ 4281620072

■ 4282276200

■ 4282932584

■ 4283654504

■ 4284310632

■ 4285032552

Harmonies

Analogous

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



4278209375



4278863720



4281876839

Triad

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



4278863720



4284953400



4281158184

Complementary

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



4278863720



4285016842

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.



4282598685



4278863720



4284626983

Square

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



4278863720



4284691531



4283776797



4278996026

Rectangle

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



4278863720



4283120737



4283776797



4281681956

Sweetspot

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



4278863720



4284709511



4278872107



4281285957



4291085508



4282729797

Same Dimension

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



4278863720



4278212743



4278851688



4281217331



4278209139



4278230514

Inverse Universe

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



4285008455



4287037528



4285028874



4281544241



4285726794



4294049949

Previews

White Background



This preview shows how the Android color 4278863720 looks on a white background.

Color Contrast Check

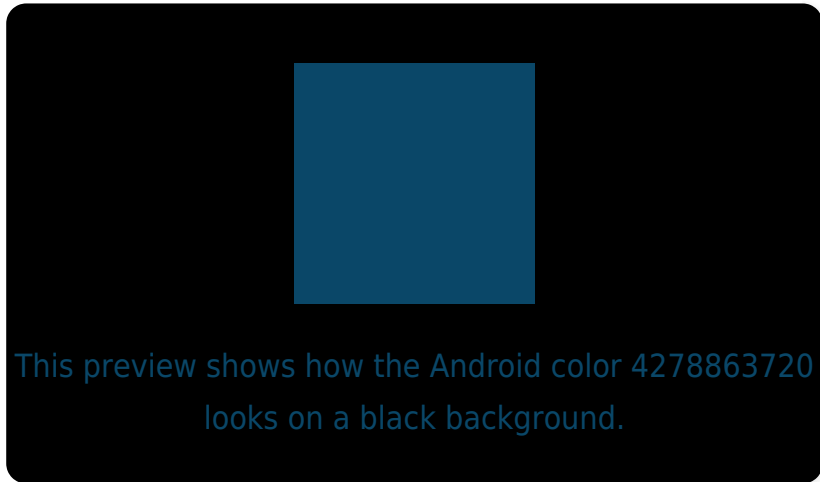
Large Text (above 18pt) WCAG AA ✓ Pass

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

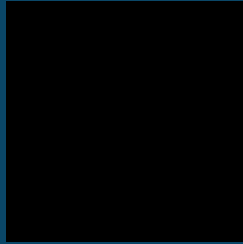
Any Text WCAG AA × Fail

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 4278863720 Background



This preview shows how black text looks on a background with the Android color 4278863720.



This preview shows how white text looks on a background with the Android color 4278863720.

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

4278863720

Protanopia

4281811556

Deuteranopia

4281221993

Trichromacy



Original Color
4278863720

Protanomaly
4280763493

Deuteranomaly
4280370281

Tritanomaly
4278471001

Monochromacy



Original Color
4278863720

Achromatopsia
4281940281

Achromatomaly
4280827466

CSS Examples

Text

The CSS property to change the color of the text to Android 4278863720 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(10, 71, 104)` looks like.

```
.text, #text, p{  
    color:rgb(10, 71, 104)  
}
```

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(10, 71, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 71, 104) }
```

Border

The CSS property to change the border of an element to Android 4278863720 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(10, 71, 104) }
```

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

```
.border{ border-color:rgb(10, 71, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 71, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 71, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 71, 104);  
box-shadow:4px 4px 4px 4px rgb(10, 71,  
104) }
```

Background

The CSS property to change the background color of an element to Android 4278863720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 71, 104) }
```

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

```
.background{ background-color: rgb(10, 71,  
104) }
```

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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