

Converting Colors

Android(4280567901)

Have a look what the booklet for
Android(4280567901) contains.

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Color

Android(4280567901)

Conversions

Conversions Part 1

Format	Color
Hex	24485D
RGB	36, 72, 93
RGB Percent	14%, 28%, 36%
CMY	0.8588, 0.7176, 0.6353
CMYK	0.61, 0.23, 0.00, 0.64
HSL	202°, 44%, 25%
HSV	202°, 61%, 36%
XYZ	5.0207, 5.8001, 11.2108
YIQ	63.6300, -28.1970, -1.1010

Conversions

Conversions Part 2

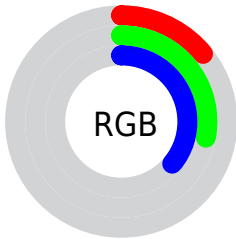
Format	Color
RYB	36, 58, 93
Decimal	2377821
CIELab	28.90, -5.94, -16.32
CIELCh	29, 17.369, 250.003
Yxy	5.8001, 0.2279, 0.2633
Android (android.graphics.Color)	4280567901 (0xFF24485D)
YUV	63.6300, 14.4794, -24.2315
Hunter-Lab	24.0834, -4.9339, -10.7411

Details

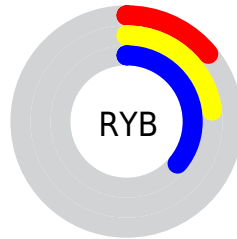
The Android color **4280567901** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4284299556**, and the grayscale version is **4282400832**.

A 20% lighter version of the original color is **4283857039**, and **4278197551** is the 20% darker color. If you saturate the color by 10%, you get **4279977309**, and if you desaturate by 10%, it is **4281158493**.

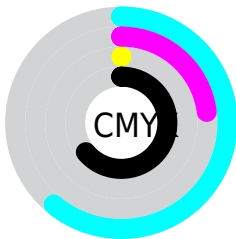
Distribution



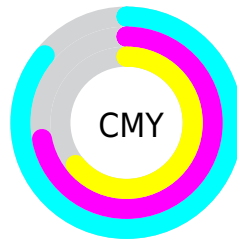
- Red (14%)
- Green (28%)
- Blue (36%)



- Red (14%)
- Yellow (23%)
- Blue (36%)



- Cyan (61%)
- Magenta (23%)
- Yellow (0%)
- Black (64%)



- Cyan (86%)
- Magenta (72%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280567901 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 4280567901 by changing the saturation by 10% instead.



4280567901



4280567901

4294967295



4278661701



4283857039



4278197551



4285567658



4278190363



4287278533



4278190080



4289054945



4290897150



4292739071



4294639615



4280567901



4280567901

■ 4279977309

■ 4281158493

■ 4279320925

■ 4281814877

■ 4278730333

■ 4282405469

■ 4278205277

■ 4282996317

■ 4283586909

■ 4284243293

■ 4284833885

■ 4285424477

■ 4286080861

Harmonies

Analogous

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



4279651157



4280567901



4281943134

Triad

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



4280567901



4284430912



4282009647

Complementary

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



4280567901



4284299556

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.



4282991914



4280567901



4284300340

Square

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



4280567901



4284037966



4283777067



4280961851

Rectangle

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



4280567901



4282794331



4283777067



4282337069

Sweetspot

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



4280567901



4284641400



4280573241



4281350205



4290624957



4282203453

Same Dimension

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



4280567901



4280244088



4280560733



4280888366



4278207854



4278228717

Inverse Universe

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



4284294216



4286062423



4284306724



4281215276



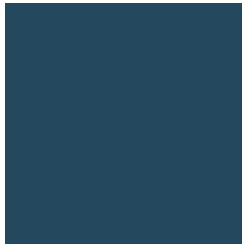
4285399109



4293722262

Previews

White Background



This preview shows how the Android color 4280567901 looks on a white background.

Color Contrast Check

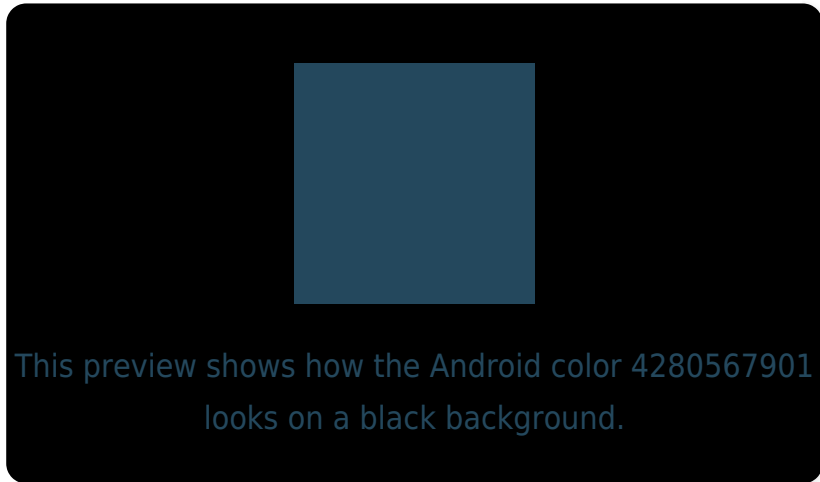
Large Text (above 18pt) WCAG AA ✓ Pass

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

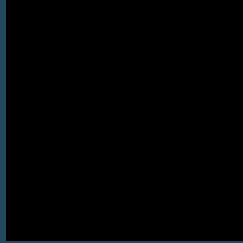
Any Text WCAG AA × Fail

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 4280567901 Background



This preview shows how black text looks on a background with the Android color 4280567901.

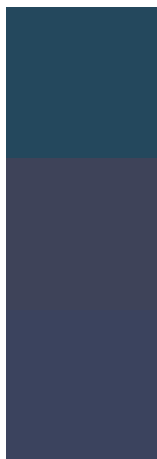


This preview shows how white text looks on a background with the Android color 4280567901.

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

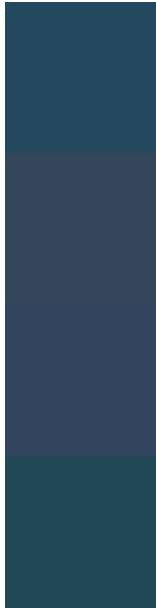


Original Color
4280567901

Protanopia
4282270553

Deuteranopia
4282073950

Trichromacy



Original Color
4280567901

Protanomaly
4281681242

Deuteranomaly
4281550174

Tritanomaly
4280306005

Monochromacy



Original Color
4280567901

Achromatopsia
4282400832

Achromatomaly
4281746251

CSS Examples

Text

The CSS property to change the color of the text to Android 4280567901 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(36, 72, 93)` looks like.

```
.text, #text, p{  
    color:rgb(36, 72, 93)  
}
```

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(36, 72, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 72, 93) }
```

Border

The CSS property to change the border of an element to Android 4280567901 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(36, 72, 93) }
```

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

```
.border{ border-color:rgb(36, 72, 93) }
```

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

Here you see how a box with a 4 pixel rgb(36, 72, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 72, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 72, 93);  
box-shadow:4px 4px 4px 4px rgb(36, 72, 93)  
}
```

Background

The CSS property to change the background color of an element to Android 4280567901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 72, 93) }
```

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

```
.background{ background-color: rgb(36, 72,  
93) }
```

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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