

Converting Colors

Android(4280564572)

Have a look what the booklet for
Android(4280564572) contains.

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Color

Android(4280564572)

Conversions

Conversions Part 1

Format	Color
Hex	243B5C
RGB	36, 59, 92
RGB Percent	14%, 23%, 36%
CMY	0.8588, 0.7686, 0.6392
CMYK	0.61, 0.36, 0.00, 0.64
HSL	215°, 44%, 25%
HSV	215°, 61%, 36%
XYZ	4.2233, 4.2757, 10.7279
YIQ	55.8850, -24.3010, 5.3870

Conversions

Conversions Part 2

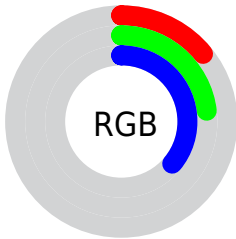
Format	Color
RYB	36, 52, 92
Decimal	2374492
CIELab	24.56, 2.26, -22.44
CIElCh	25, 22.551, 275.742
Yxy	4.2757, 0.2197, 0.2224
Android (android.graphics.Color)	4280564572 (0xFF243B5C)
YUV	55.8850, 17.8047, -17.4391
Hunter-Lab	20.6778, 0.2712, -16.2860

Details

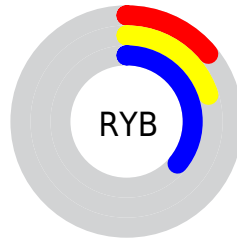
The Android color **4280564572** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4284237092**, and the grayscale version is **4281874488**.

A 20% lighter version of the original color is **4283853454**, and **4278194222** is the 20% darker color. If you saturate the color by 10%, you get **4279973468**, and if you desaturate by 10%, it is **4281155676**.

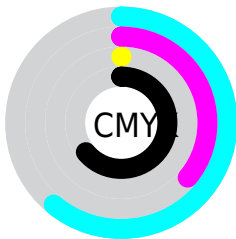
Distribution



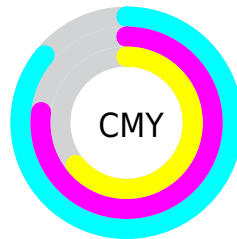
- Red (14%)
- Green (23%)
- Blue (36%)



- Red (14%)
- Yellow (20%)
- Blue (36%)



- Cyan (61%)
- Magenta (36%)
- Yellow (0%)
- Black (64%)



- Cyan (86%)
- Magenta (77%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280564572 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 4280564572 by changing the saturation by 10% instead.

■ 4280564572

■ 4280564572

4294967295

■ 4278724164

■ 4283853454

■ 4278194222

■ 4285498281

■ 4278190361

■ 4287208900

■ 4278190080

■ 4288985312

■ 4290827517

■ 4292669695

■ 4294574079

■ 4280564572

■ 4280564572

■ 4279973468

■ 4281155676

■ 4279382108

■ 4281747036

■ 4278725468

■ 4282403676

■ 4278199900

■ 4282995036

■ 4283586140

■ 4284177500

■ 4284768604

■ 4285425244

■ 4286016604

Harmonies

Analogous

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



4278206553



4280564572



4282398038

Triad

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



4280564572



4284034855



4279845420

Complementary

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



4280564572



4284237092

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.



4281351966



4280564572



4283446299

Square

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



4280564572



4284099640



4282464792



4278207293

Rectangle

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



4280564572



4283248718



4282464792



4280369447

Sweetspot

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



4280564572



4284640120



4280572997



4281349437



4290624957



4282203453

Same Dimension

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



4280564572



4280304760



4280886364



4280888110



4278201710



4278215149

Inverse Universe

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



4284228667



4286062660



4283915300



4281215275



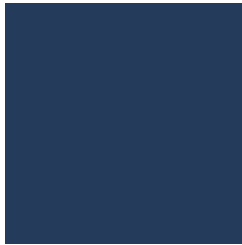
4285399085



4293722209

Previews

White Background



This preview shows how the Android color 4280564572 looks on a white background.

Color Contrast Check

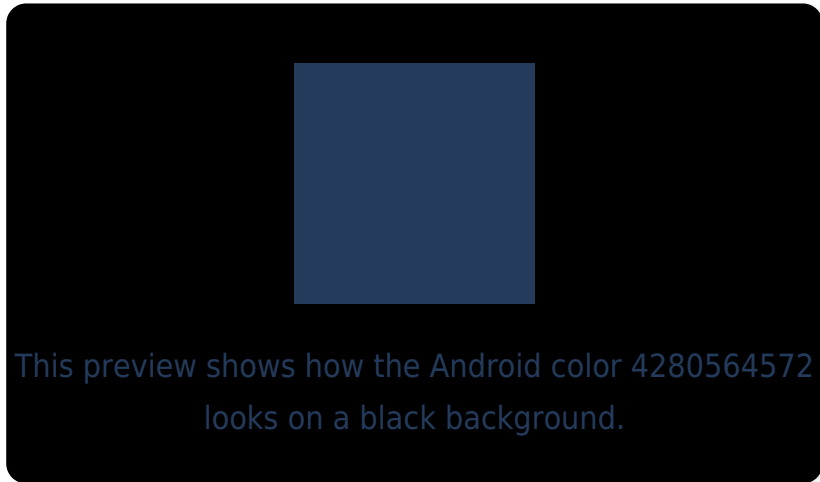
Large Text (above 18pt) WCAG AA ✓ Pass

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

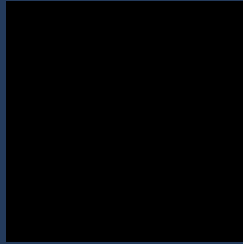
Any Text WCAG AA × Fail

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 4280564572 Background



This preview shows how black text looks on a background with the Android color 4280564572.

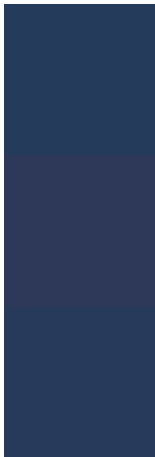


This preview shows how white text looks on a background with the Android color 4280564572.

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
4280564572

Protanopia
4281219418

Deuteranopia
4280826460

Trichromacy



Original Color
4280564572

Protanomaly
4280957531

Deuteranomaly
4280760924

Tritanomaly
4280106573

Monochromacy



Original Color
4280564572

Achromatopsia
4281874488

Achromatomaly
4281416005

CSS Examples

Text

The CSS property to change the color of the text to Android 4280564572 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, 59, 92)` looks like.

```
.text, #text, p{  
    color:rgb(36, 59, 92)  
}
```

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, 59, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 59, 92) }
```

Border

The CSS property to change the border of an element to Android 4280564572 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, 59, 92) }
```

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

```
.border{ border-color:rgb(36, 59, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 59, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 59, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 59, 92);  
box-shadow:4px 4px 4px 4px rgb(36, 59, 92)  
}
```

Background

The CSS property to change the background color of an element to Android 4280564572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 59, 92) }
```

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

```
.background{ background-color: rgb(36, 59,  
92) }
```

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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