

Converting Colors

Android(4282544801)

Have a look what the booklet for
Android(4282544801) contains.

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Color

Android(4282544801)

Conversions

Conversions Part 1

Format	Color
Hex	4272A1
RGB	66, 114, 161
RGB Percent	26%, 45%, 63%
CMY	0.7412, 0.5529, 0.3686
CMYK	0.59, 0.29, 0.00, 0.37
HSL	210°, 42%, 45%
HSV	210°, 59%, 63%
XYZ	14.6971, 15.7661, 35.9868
YIQ	105.0060, -43.6950, 4.4410

Conversions

Conversions Part 2

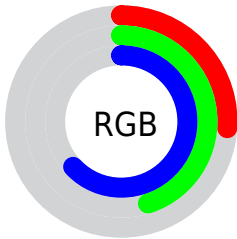
Format	Color
R_{YB}	66, 98, 161
Decimal	4354721
CIE _{Lab}	46.67, -1.74, -30.23
CIE _{LCh}	47, 30.285, 266.702
Yxy	15.7661, 0.2212, 0.2373
Android (android.graphics.Color)	4282544801 (0xFF4272A1)
YUV	105.0060, 27.6050, -34.2083
Hunter-Lab	39.7065, -3.4159, -25.9410

Details

The Android color `4282544801` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4288770370`, and the grayscale version is `4285098345`.

A 20% lighter version of the original color is `4286162648`, and `4278207085` is the 20% darker color. If you saturate the color by 10%, you get `4281494177`, and if you desaturate by 10%, it is `4283595425`.

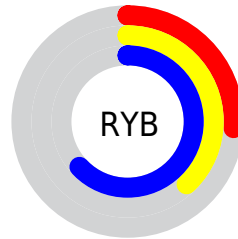
Distribution



Red (26%)

Green (45%)

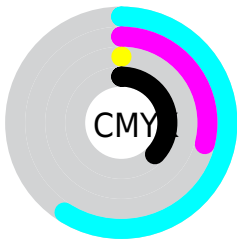
Blue (63%)



Red (26%)

Yellow (38%)

Blue (63%)

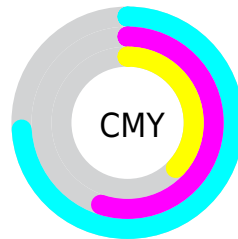


Cyan (59%)

Magenta (29%)

Yellow (0%)

Black (37%)



Cyan (74%)

Magenta (55%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282544801 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 4282544801 by changing the saturation by 10% instead.

■ 4282544801

■ 4282544801

4294967295

■ 4280572551

■ 4286162648

■ 4278207085

■ 4288004597

■ 4278201685

■ 4289846783

■ 4278196285

■ 4291754495

■ 4278190887

■ 4293656575

■ 4278190352

■ 4278190080

■ 4282544801

■ 4282544801

■ 4281494177

■ 4283595425

■ 4280443553

■ 4284646049

■ 4279392929

■ 4285696673

■ 4278342305

■ 4286747297

■ 4278210977

■ 4287863457

■ 4288914081

■ 4289964705

■ 4291015329

■ 4292065953

Harmonies

Analogous

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



4278220952



4282544801



4285360540

Triad

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



4282544801



4288633945



4283005266

Complementary

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



4282544801



4288770370

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.



4285035584



4282544801



4287980357

Square

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



4282544801



4288502642



4286671931



4280450155

Rectangle

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



4282544801



4286800786



4286671931



4283725899

Sweetspot

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



4282544801



4289445585



4282556784



4283587945



4293454056



4285098345

Same Dimension

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



4282544801



4282222801



4282533025



4282994258



4278208913



4278192402

Inverse Universe

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



4288758386



4291902856



4288782146



4283582798



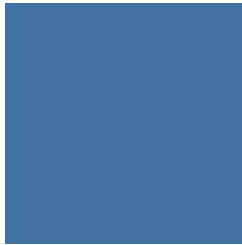
4287692873



4279369737

Previews

White Background



This preview shows how the Android color 4282544801 looks on a white background.

Color Contrast Check

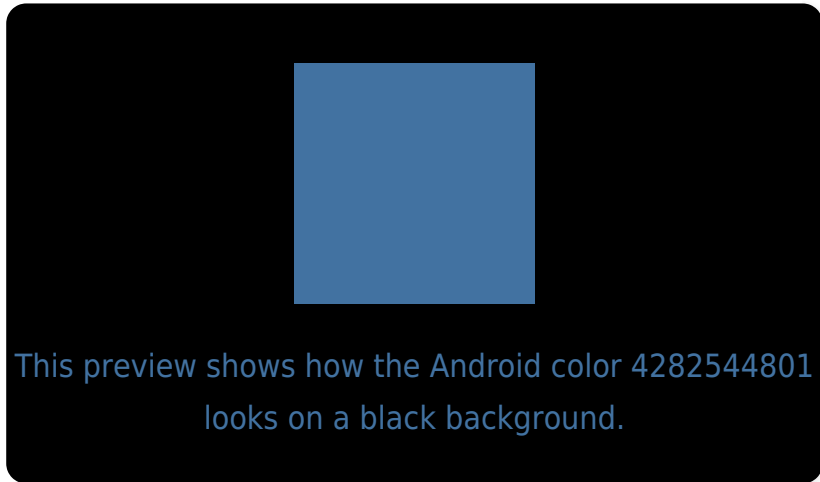
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 4282544801 Background



This preview shows how black text looks on a background with the Android color 4282544801.

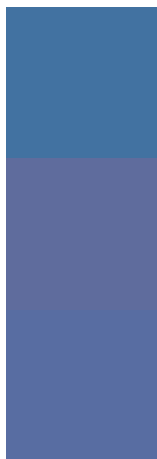


This preview shows how white text looks on a background with the Android color 4282544801.

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
4282544801

Protanopia
4284443805

Deuteranopia
4283985314

Trichromacy



Original Color
4282544801

Protanomaly
4283723422

Deuteranomaly
4283461538

Tritanomaly
4282021517

Monochromacy



Original Color
4282544801

Achromatopsia
4285098345

Achromatomaly
4284181629

CSS Examples

Text

The CSS property to change the color of the text to Android 4282544801 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(66, 114, 161)` looks like.

```
.text, #text, p{  
    color:rgb(66, 114, 161)  
}
```

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(66, 114, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 114, 161) }
```

Border

The CSS property to change the border of an element to Android 4282544801 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(66, 114, 161) }
```

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

```
.border{ border-color:rgb(66, 114, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 114, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 114, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 114, 161);  
box-shadow:4px 4px 4px 4px rgb(66, 114,  
161) }
```

Background

The CSS property to change the background color of an element to Android 4282544801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 114, 161) }
```

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

```
.background{ background-color: rgb(66, 114,  
161) }
```

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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