

Converting Colors

Android(4282476950)

Have a look what the booklet for
Android(4282476950) contains.

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Color

Android(4282476950)

Conversions

Conversions Part 1

Format	Color
Hex	416996
RGB	65, 105, 150
RGB Percent	25%, 41%, 59%
CMY	0.7451, 0.5882, 0.4118
CMYK	0.57, 0.30, 0.00, 0.41
HSL	212°, 40%, 42%
HSV	212°, 57%, 59%
XYZ	12.7366, 13.4290, 30.7749
YIQ	98.1700, -38.2850, 5.5150

Conversions

Conversions Part 2

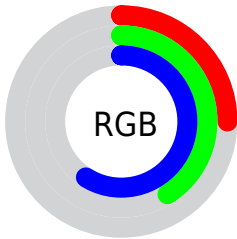
Format	Color
RYB	65, 92, 150
Decimal	4286870
CIELab	43.40, -0.18, -28.83
CIElCh	43, 28.835, 269.637
Yxy	13.4290, 0.2237, 0.2358
Android (android.graphics.Color)	4282476950 (0xFF416996)
YUV	98.1700, 25.5522, -29.0901
Hunter-Lab	36.6456, -2.0901, -24.1398

Details

The Android color `4282476950` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4288048705`, and the grayscale version is `4284637794`.

A 20% lighter version of the original color is `4286029004`, and `4278205027` is the 20% darker color. If you saturate the color by 10%, you get `4281491862`, and if you desaturate by 10%, it is `4283462038`.

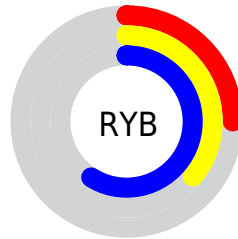
Distribution



Red (25%)

Green (41%)

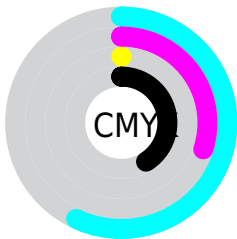
Blue (59%)



Red (25%)

Yellow (36%)

Blue (59%)

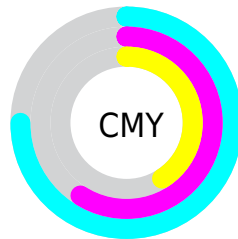


Cyan (57%)

Magenta (30%)

Yellow (0%)

Black (41%)



Cyan (75%)

Magenta (59%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282476950 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 4282476950 by changing the saturation by 10% instead.

■ 4282476950

■ 4282476950

4294967295

■ 4280570236

■ 4286029004

■ 4278205027

■ 4287805417

■ 4278199627

■ 4289647359

■ 4278194228

■ 4291489791

■ 4278190622

■ 4293394431

■ 4278190081

■ 4278190080

■ 4282476950

■ 4282476950

■ 4281491862

■ 4283462038

■ 4280506774

■ 4284447126

■ 4279521686

■ 4285432214

■ 4278536598

■ 4286417302

■ 4278208406

■ 4287402390

■ 4288387478

■ 4289372566

■ 4290357654

■ 4291342486

Harmonies

Analogous

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



4278349711



4282476950



4285030544

Triad

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



4282476950



4287911504



4282413390

Complementary

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



4282476950



4288048705

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.



4284312636



4282476950



4287192382

Square

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



4282476950



4287845480



4285949238



4279923557

Rectangle

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



4282476950



4286339974



4285949238



4283134023

Sweetspot

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



4282476950



4288786626



4282488429



4283324257



4292927712



4284572001

Same Dimension

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



4282476950



4282285250



4282532246



4282598986



4278206858



4278191370

Inverse Universe

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



4288037225



4290920060



4287993409



4283056966



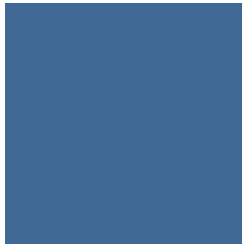
4287234113



4278845445

Previews

White Background



This preview shows how the Android color 4282476950 looks on a white background.

Color Contrast Check

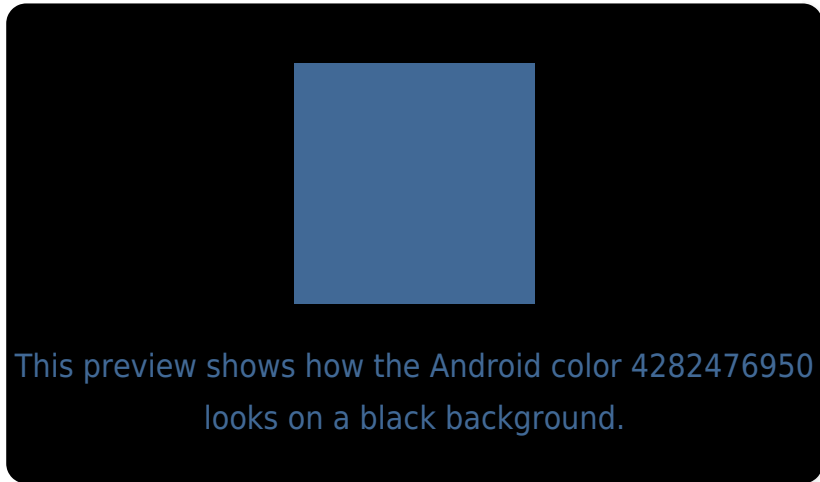
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282476950 Background



This preview shows how black text looks on a background with the Android color 4282476950.

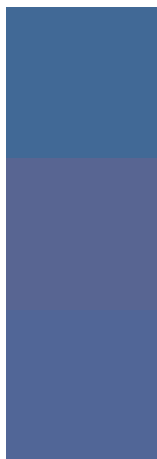


This preview shows how white text looks on a background with the Android color 4282476950.

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

4282476950

Protanopia

4283983250

Deuteranopia

4283524759

Trichromacy



Original Color

4282476950

Protanomaly

4283459219

Deuteranomaly

4283131799

Tritanomaly

4281953667

Monochromacy



Original Color

4282476950

Achromatopsia

4284637794

Achromatomaly

4283852149

CSS Examples

Text

The CSS property to change the color of the text to Android 4282476950 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(65, 105, 150)` looks like.

```
.text, #text, p{  
    color:rgb(65, 105, 150)  
}
```

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(65, 105, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 105, 150) }
```

Border

The CSS property to change the border of an element to Android 4282476950 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(65, 105, 150) }
```

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

```
.border{ border-color:rgb(65, 105, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 105, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 105, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 105, 150);  
box-shadow:4px 4px 4px 4px rgb(65, 105,  
150) }
```

Background

The CSS property to change the background color of an element to Android 4282476950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 105, 150) }
```

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

```
.background{ background-color: rgb(65, 105,  
150) }
```

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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