

Converting Colors

Android(4282476703)

Have a look what the booklet for
Android(4282476703) contains.

| | |
|--|----|
| Android(4282476703) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Android(4282476703)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 41689F |
| RGB | 65, 104, 159 |
| RGB Percent | 25%, 41%, 62% |
| CMY | 0.7451, 0.5922, 0.3765 |
| CMYK | 0.59, 0.35, 0.00, 0.38 |
| HSL | 215°, 42%, 44% |
| HSV | 215°, 59%, 62% |
| XYZ | 13.3883, 13.5276, 34.7063 |
| YIQ | 98.6090, -40.8990, 8.8370 |

Conversions

Conversions Part 2

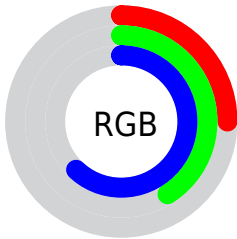
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 65, 93, 159 |
| Decimal | 4286623 |
| CIE Lab | 43.55, 3.48, -33.95 |
| CIE LCh | 44, 34.129, 275.859 |
| Yxy | 13.5276, 0.2173, 0.2195 |
| Android (android.graphics.Color) | 4282476703 (0xFF41689F) |
| YUV | 98.6090, 29.7728, -29.4751 |
| Hunter-Lab | 36.7800, 0.6110, -30.2013 |

Details

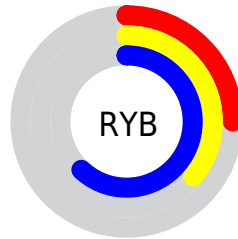
The Android color `4282476703` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4288641089`, and the grayscale version is `4284637794`.

A 20% lighter version of the original color is `4286094294`, and `4278204779` is the 20% darker color. If you saturate the color by 10%, you get `4281425823`, and if you desaturate by 10%, it is `4283527583`.

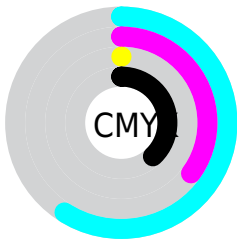
Distribution



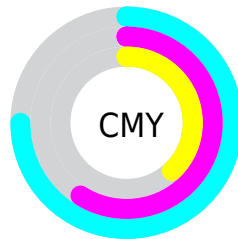
- Red (25%)
- Green (41%)
- Blue (62%)



- Red (25%)
- Yellow (36%)
- Blue (62%)



- Cyan (59%)
- Magenta (35%)
- Yellow (0%)
- Black (38%)



- Cyan (75%)
- Magenta (59%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282476703 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 4282476703 by changing the saturation by 10% instead.

■ 4282476703

■ 4282476703

4294967295

■ 4280504453

■ 4286094294

■ 4278204779

■ 4287936243

■ 4278199379

■ 4289778175

■ 4278193979

■ 4291620351

■ 4278190629

■ 4293525503

■ 4278190349

■ 4278190080

■ 4282476703

■ 4282476703

■ 4281425823

■ 4283527583

■ 4280374687

■ 4284578719

■ 4279323807

■ 4285629599

■ 4278272927

■ 4286680479

■ 4278207135

■ 4287731615

■ 4288716959

■ 4289767839

■ 4290818719

■ 4291869855

Harmonies

Analogous

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



4278218906



4282476703



4285619605

Triad

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



4282476703



4288238663



4281234511

Complementary

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



4282476703



4288641089

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.



4283789111



4282476703



4287257907

Square

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



4282476703



4288434018



4285753133



4278220140

Rectangle

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



4282476703



4286994055



4285753133



4282217030

Sweetspot

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



4282476703



4289313231



4282490744



4283587433



4293454056



4285098345

Same Dimension

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



4282476703



4282153423



4282991007



4282862159



4278205327



4278191631

Inverse Universe

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



4288627048



4291771513



4288126785



4283385674



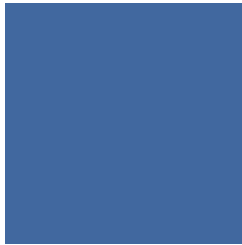
4287561787



4279173126

Previews

White Background



This preview shows how the Android color 4282476703 looks on a white background.

Color Contrast Check

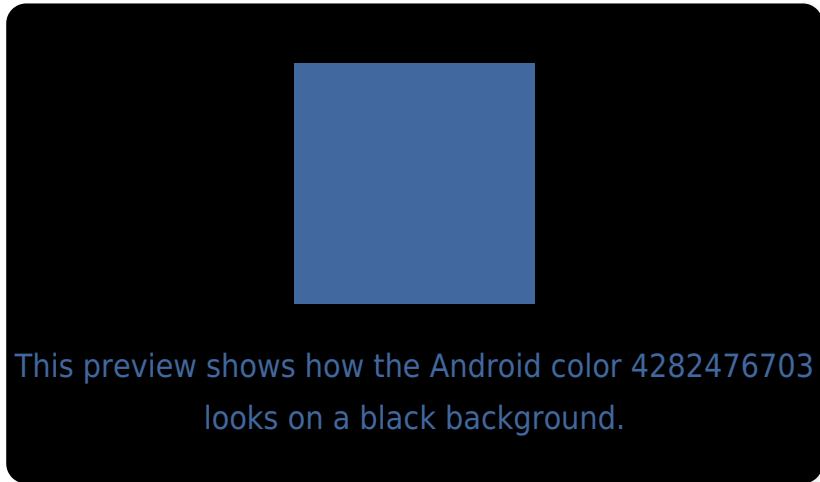
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282476703 Background



This preview shows how black text looks on a background with the Android color 4282476703.

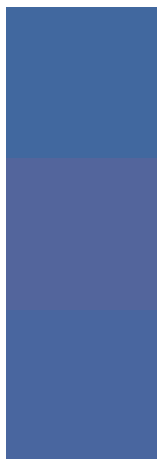


This preview shows how white text looks on a background with the Android color 4282476703.

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

4282476703

Protanopia

4283655580

Deuteranopia

4283000479

Trichromacy



Original Color
4282476703

Protanomaly
4283197085

Deuteranomaly
4282804127

Tritanomaly
4281757063

Monochromacy



Original Color
4282476703

Achromatopsia
4284703587

Achromatomaly
4283917689

CSS Examples

Text

The CSS property to change the color of the text to Android 4282476703 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, 104, 159)` looks like.

```
.text, #text, p{  
    color:rgb(65, 104, 159)  
}
```

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, 104, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 104, 159) }
```

Border

The CSS property to change the border of an element to Android 4282476703 is called "border". The border property can be set on classes, ids or directly on the HTML element.

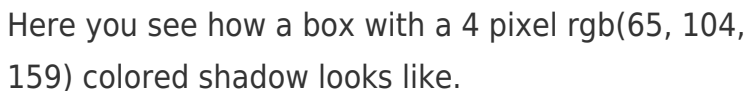
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(65, 104, 159) }
```

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

```
.border{ border-color:rgb(65, 104, 159) }
```

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



Here you see how a box with a 4 pixel `rgb(65, 104, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 104, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 104, 159);  
box-shadow:4px 4px 4px 4px rgb(65, 104,  
159) }
```

Background

The CSS property to change the background color of an element to Android 4282476703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 104, 159) }
```

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

```
.background{ background-color: rgb(65, 104,  
159) }
```

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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