

Converting Colors

Android(4283457949)

Have a look what the booklet for
Android(4283457949) contains.

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Color

Android(4283457949)

Conversions

Conversions Part 1

Format	Color
Hex	50619D
RGB	80, 97, 157
RGB Percent	31%, 38%, 62%
CMY	0.6863, 0.6196, 0.3843
CMYK	0.49, 0.38, 0.00, 0.38
HSL	227°, 32%, 46%
HSV	227°, 49%, 62%
XYZ	13.6688, 12.6892, 33.6271
YIQ	98.7570, -29.3920, 15.0560

Conversions

Conversions Part 2

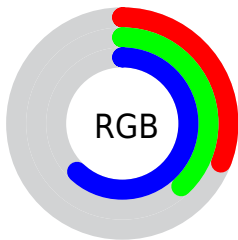
Format	Color
R_{YB}	80, 94, 157
Decimal	5267869
CIE _{Lab}	42.29, 10.70, -34.69
CIE _{LCh}	42, 36.301, 287.150
Yxy	12.6892, 0.2279, 0.2115
Android (android.graphics.Color)	4283457949 (0xFF50619D)
YUV	98.7570, 28.7138, -16.4499
Hunter-Lab	35.6219, 6.1554, -31.0346

Details


The Android color `4283457949` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4288515152`, and the grayscale version is `4284637794`.

A 20% lighter version of the original color is `4286944212`, and `4279776105` is the 20% darker color. If you saturate the color by 10%, you get `4282406301`, and if you desaturate by 10%, it is `4284509597`.

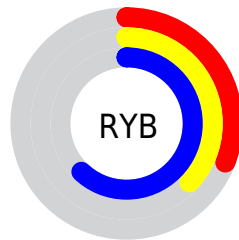
Distribution



 Red (31%)

 Green (38%)

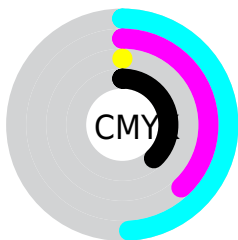
 Blue (62%)





 Red (31%)

 Yellow (37%)

 Blue (62%)

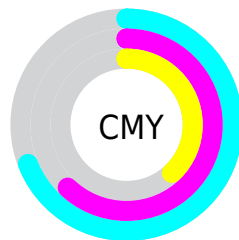


 Cyan (49%)


 Magenta (38%)

 Yellow (0%)

 Black (38%)



 Cyan (69%)

 Magenta (62%)

 Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283457949 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 4283457949 by changing the saturation by 10% instead.

■ 4283457949

■ 4283457949

4294967295

■ 4281682307

■ 4286944212

■ 4279776105

■ 4288786160

■ 4278197841

■ 4290628095

■ 4278191417

■ 4292470271

■ 4278190627

■ 4294377471

■ 4278190090

■ 4278190080

■ 4283457949

■ 4283457949

■ 4282406301

■ 4284509597

■ 4281420189

■ 4285495709

■ 4280368285

■ 4286547613

■ 4279316637

■ 4287599261

■ 4278264989

■ 4288650909

■ 4278199197

■ 4289637021

■ 4290688925

■ 4291740573

■ 4292726685

Harmonies

Analogous

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



4278217630



4283457949



4286338445

Triad

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



4283457949



4287910713



4278219350

Complementary

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



4283457949



4288515152

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.



4282543673



4283457949



4286602792

Square

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



4283457949



4288432980



4284770344



4278219637

Rectangle

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



4283457949



4287516284



4284770344



4280447307

Sweetspot

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



4283457949



4289574092



4283473291



4283717734



4293322470



4284900966

Same Dimension

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



4283457949



4283723468



4284829853



4282861903



4278198415



4278190863

Inverse Universe

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



4288499809



4291581038



4287143248



4283385673



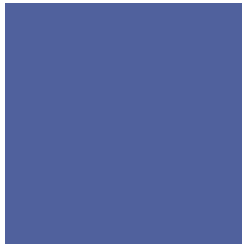
4287561760



4279173123

Previews

White Background



This preview shows how the Android color 4283457949 looks on a white background.

Color Contrast Check

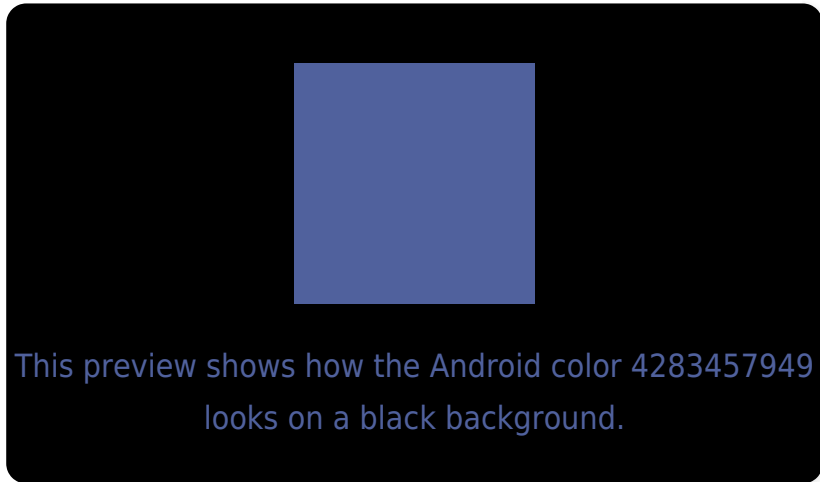
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283457949 Background



This preview shows how black text looks on a background with the Android color 4283457949.

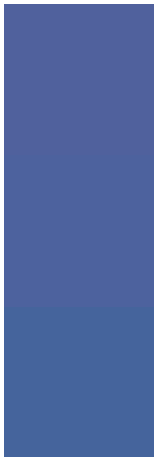


This preview shows how white text looks on a background with the Android color 4283457949.

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
4283457949

Protanopia
4283261598

Deuteranopia
4282737820

Trichromacy



Original Color
4283457949

Protanomaly
4283327134

Deuteranomaly
4282999708

Tritanomaly
4282935170

Monochromacy



Original Color
4283457949

Achromatopsia
4284703587

Achromatomaly
4284244600

CSS Examples

Text

The CSS property to change the color of the text to Android 4283457949 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(80, 97, 157)` looks like.

```
.text, #text, p{  
    color:rgb(80, 97, 157)  
}
```

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(80, 97, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 97, 157) }
```

Border

The CSS property to change the border of an element to Android 4283457949 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(80, 97, 157) }
```

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

```
.border{ border-color:rgb(80, 97, 157) }
```

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

Here you see how a box with a 4 pixel rgb(80, 97, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 97, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 97, 157);  
box-shadow:4px 4px 4px 4px rgb(80, 97,  
157) }
```

Background

The CSS property to change the background color of an element to Android 4283457949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 97, 157) }
```

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

```
.background{ background-color: rgb(80, 97,  
157) }
```

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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