

Converting Colors

Android(4283908221)

Have a look what the booklet for
Android(4283908221) contains.

Android(4283908221)	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(4283908221)

Conversions

Conversions Part 1

Format	Color
Hex	57407D
RGB	87, 64, 125
RGB Percent	34%, 25%, 49%
CMY	0.6588, 0.7490, 0.5098
CMYK	0.30, 0.49, 0.00, 0.51
HSL	263°, 32%, 37%
HSV	263°, 49%, 49%
XYZ	9.4655, 7.1737, 20.2878
YIQ	77.8310, -5.8730, 23.8470

Conversions

Conversions Part 2

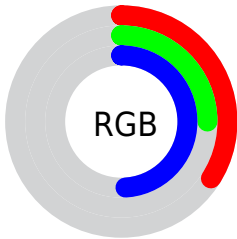
Format	Color
R_{YB}	87, 64, 125
Decimal	5718141
CIE _{Lab}	32.20, 24.01, -31.13
CIE _{LCh}	32, 39.311, 307.637
Yxy	7.1737, 0.2563, 0.1943
Android (android.graphics.Color)	4283908221 (0xFF57407D)
YUV	77.8310, 23.2543, 8.0412
Hunter-Lab	26.7838, 16.2114, -26.1616

Details

The Android color `4283908221` is a dark color, and the websafe version is hex `333366`. A complement of this color would be `4284906816`, and the grayscale version is `4283321934`.

A 20% lighter version of the original color is `4287328434`, and `4280685644` is the 20% darker color. If you saturate the color by 10%, you get `4283380861`, and if you desaturate by 10%, it is `4284435837`.

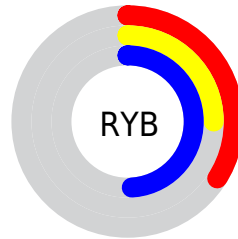
Distribution



Red (34%)

Green (25%)

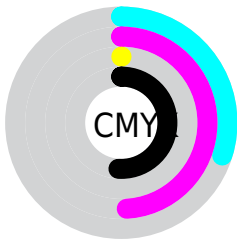
Blue (49%)



Red (34%)

Yellow (25%)

Blue (49%)

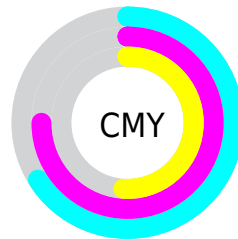


Cyan (30%)

Magenta (49%)

Yellow (0%)

Black (51%)



Cyan (66%)

Magenta (75%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283908221 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 4283908221 by changing the saturation by 10% instead.



4283908221



4283908221

4294967295



4282264164



4287328434



4280685644



4289104590



4279369781



4290880746



4278190623



4292722943



4278190081



4294630399



4278190080



4294965503



4283908221



4283908221



4283380861



4284435837

■ 4282853245

■ 4284963197

■ 4282391421

■ 4285425277

■ 4281863805

■ 4285952637

■ 4281336445

■ 4286479997

■ 4281270397

■ 4287007613

■ 4287535229

■ 4287997053

■ 4288524669

Harmonies

Analogous

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



4279127433



4283908221



4286002020

Triad

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



4283908221



4285415951



4278213203

Complementary

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



4283908221



4284906816

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.



4278212915



4283908221



4283714820

Square

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



4283908221



4286526760



4281553942



4278212977

Rectangle

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



4283908221



4286656080



4281553942



4278213192

Sweetspot

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



4283908221



4287925155



4282410877



4282925906



4291940817



4283585106

Same Dimension

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



4283908221



4284957603



4285874301



4282136896



4281335936



4278190080

Inverse Universe

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



4286398566



4288889727



4282940736



4282399037



4286578767



4278190080

Previews

White Background



This preview shows how the Android color 4283908221 looks on a white background.

Color Contrast Check

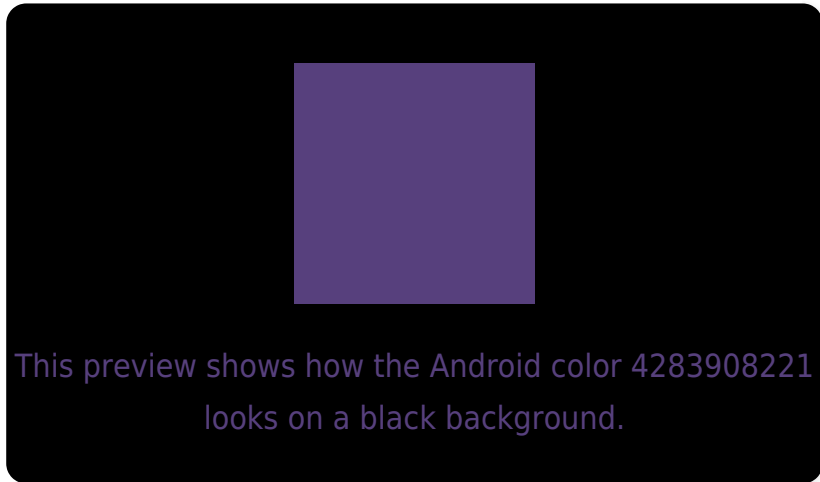
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283908221 Background



This preview shows how black text looks on a background with the Android color 4283908221.



This preview shows how white text looks on a background with the Android color 4283908221.

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

4283908221

Protanopia

4281354886

Deuteranopia

4281355386



Tritanopia
4283321168

Trichromacy



Original Color
4283908221

Protanomaly
4282271363

Deuteranomaly
4282271867

Tritanomaly
4283516768

Monochromacy



Original Color
4283908221

Achromatopsia
4283321934

Achromatomaly
4283517279

CSS Examples

Text

The CSS property to change the color of the text to Android 4283908221 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(87, 64, 125)` looks like.

```
.text, #text, p{  
    color:rgb(87, 64, 125)  
}
```

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(87, 64, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 64, 125) }
```

Border

The CSS property to change the border of an element to Android 4283908221 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(87, 64, 125) }
```

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

```
.border{ border-color:rgb(87, 64, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 64, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 64, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 64, 125);  
box-shadow:4px 4px 4px 4px rgb(87, 64,  
125) }
```

Background

The CSS property to change the background color of an element to Android 4283908221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 64, 125) }
```

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

```
.background{ background-color: rgb(87, 64,  
125) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor