

Converting Colors

Android(4282401164)

Have a look what the booklet for
Android(4282401164) contains.

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Color

Android(4282401164)

Conversions

Conversions Part 1

Format	Color
Hex	40418C
RGB	64, 65, 140
RGB Percent	25%, 25%, 55%
CMY	0.7490, 0.7451, 0.4510
CMYK	0.54, 0.54, 0.00, 0.45
HSL	239°, 37%, 40%
HSV	239°, 54%, 55%
XYZ	8.7383, 6.7640, 25.6560
YIQ	73.2510, -24.6710, 23.1130

Conversions

Conversions Part 2

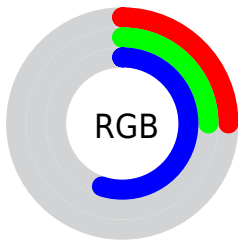
Format	Color
R_{YB}	64, 65, 140
Decimal	4211084
CIE _{Lab}	31.26, 21.94, -42.04
CIE _{LCh}	31, 47.423, 297.562
Y _{xy}	6.7640, 0.2123, 0.1643
Android (android.graphics.Color)	4282401164 (0xFF40418C)
YUV	73.2510, 32.9073, -8.1131
Hunter-Lab	26.0078, 14.4602, -40.2826

Details

The Android color `4282401164` is a dark color, and the websafe version is hex `333366`. A complement of this color would be `4287400768`, and the grayscale version is `4282992969`.

A 20% lighter version of the original color is `4285952450`, and `4278196057` is the 20% darker color. If you saturate the color by 10%, you get `4281480076`, and if you desaturate by 10%, it is `4283322252`.

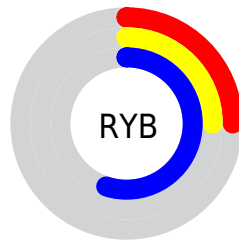
Distribution



Red (25%)

Green (25%)

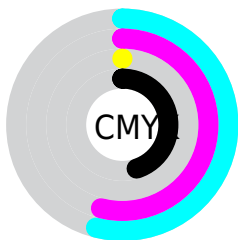
Blue (55%)



Red (25%)

Yellow (25%)

Blue (55%)

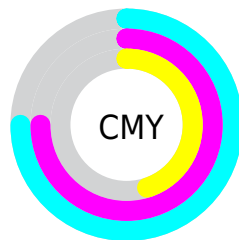


Cyan (54%)

Magenta (54%)

Yellow (0%)

Black (45%)



Cyan (75%)

Magenta (75%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282401164 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 4282401164 by changing the saturation by 10% instead.



4282401164



4282401164

4294967295



4280560498



4285952450



4278196057



4287728350



4278190145



4289570299



4278190890



4291412223



4278190356



4293319935



4278190080



4294965503



4282401164



4282401164



4281480076



4283322252

■ 4280558988

■ 4284243340

■ 4279638156

■ 4285164172

■ 4278717068

■ 4286085260

■ 4278190732

■ 4287006348

■ 4287927436

■ 4288848524

■ 4289769612

■ 4290690444

Harmonies

Analogous

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



4278210452



4282401164



4285738610

Triad

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



4282401164



4286068485



4278213189

Complementary

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



4282401164



4287400768

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.



4278212383



4282401164



4284303104

Square

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



4282401164



4287112490



4281880832



4278213227

Rectangle

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



4282401164



4286849627



4281880832



4278212920

Sweetspot

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



4282401164



4288190645



4282420363



4283059036



4292598747



4284243036

Same Dimension

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



4282401164



4282335669



4284825740



4282269253



4278190725



4278190085

Inverse Universe

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



4287381569



4290068289



4284976192



4282727998



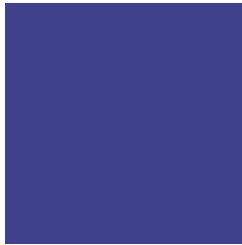
4286906370



4278517760

Previews

White Background



This preview shows how the Android color 4282401164 looks on a white background.

Color Contrast Check

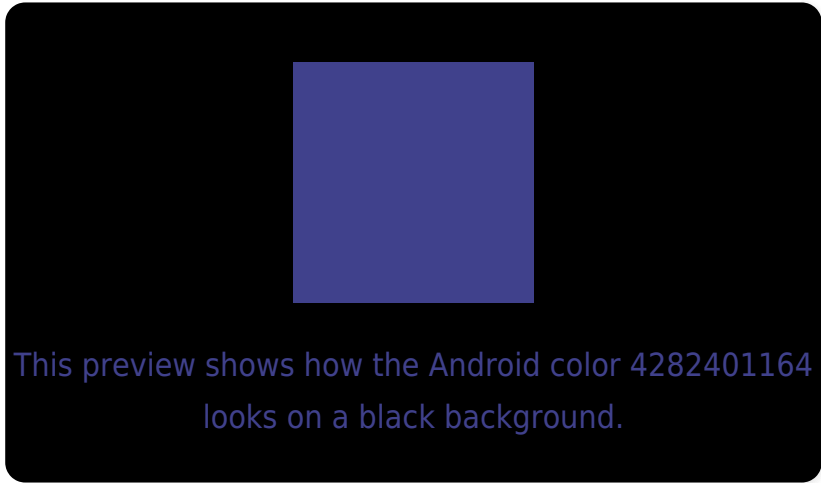
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282401164 Background



This preview shows how black text looks on a background with the Android color 4282401164.



This preview shows how white text looks on a background with the Android color 4282401164.

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
4282401164

Protanopia
4279781266

Deuteranopia
4278209412

Trichromacy



Original Color
4282401164

Protanomaly
4280763792

Deuteranomaly
4279715719

Tritanomaly
4281617001

Monochromacy



Original Color
4282401164

Achromatopsia
4282992969

Achromatomaly
4282795617

CSS Examples

Text

The CSS property to change the color of the text to Android 4282401164 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(64, 65, 140)` looks like.

```
.text, #text, p{  
    color:rgb(64, 65, 140)  
}
```

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(64, 65, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 65, 140) }
```

Border

The CSS property to change the border of an element to Android 4282401164 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(64, 65, 140) }
```

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

```
.border{ border-color:rgb(64, 65, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 65, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 65, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 65, 140);  
box-shadow:4px 4px 4px 4px rgb(64, 65,  
140) }
```

Background

The CSS property to change the background color of an element to Android 4282401164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 65, 140) }
```

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

```
.background{ background-color: rgb(64, 65,  
140) }
```

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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