

Converting Colors

Android(4282730102)

Have a look what the booklet for
Android(4282730102) contains.

Android(4282730102)	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(4282730102)

Conversions

Conversions Part 1

Format	Color
Hex	454676
RGB	69, 70, 118
RGB Percent	27%, 27%, 46%
CMY	0.7294, 0.7255, 0.5373
CMYK	0.42, 0.41, 0.00, 0.54
HSL	239°, 26%, 37%
HSV	239°, 42%, 46%
XYZ	7.9144, 6.9535, 18.0646
YIQ	75.1730, -16.0040, 14.7160

Conversions

Conversions Part 2

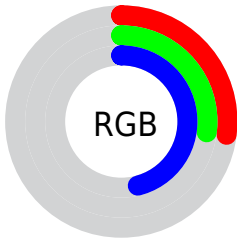
Format	Color
R_{YB}	69, 70, 118
Decimal	4540022
CIE _{Lab}	31.70, 12.73, -27.65
CIE _{LCh}	32, 30.444, 294.720
Yxy	6.9535, 0.2403, 0.2111
Android (android.graphics.Color)	4282730102 (0xFF454676)
YUV	75.1730, 21.1137, -5.4137
Hunter-Lab	26.3696, 7.4273, -22.1582

Details

The Android color `4282730102` is a dark color, and the websafe version is hex `333366`. A complement of this color would be `4285953349`, and the grayscale version is `4283124555`.

A 20% lighter version of the original color is `4286084778`, and `4279507781` is the 20% darker color. If you saturate the color by 10%, you get `4281940598`, and if you desaturate by 10%, it is `4283519606`.

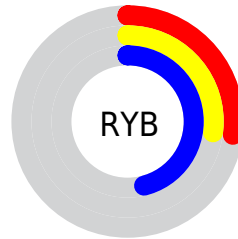
Distribution



Red (27%)

Green (27%)

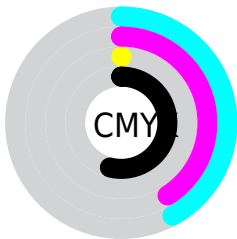
Blue (46%)



Red (27%)

Yellow (27%)

Blue (46%)

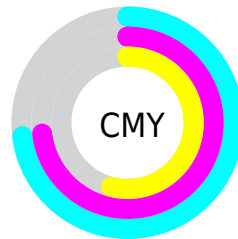


Cyan (42%)

Magenta (41%)

Yellow (0%)

Black (54%)



Cyan (73%)

Magenta (73%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282730102 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 4282730102 by changing the saturation by 10% instead.

■ 4282730102

■ 4282730102

4294967295

■ 4281151581

■ 4286084778

■ 4279507781

■ 4287795398

■ 4278190127

■ 4289571554

■ 4278190361

■ 4291413759

■ 4278190080

■ 4293255935

4294967039

■ 4282730102

■ 4282730102

■ 4281940598

■ 4283519606

■ 4281151350

■ 4284308854

■ 4280427382

■ 4285032822

■ 4279638134

■ 4285822070

■ 4278848630

■ 4286611574

■ 4278190710

■ 4287400822

■ 4288190326

■ 4288914038

■ 4289703542

Harmonies

Analogous

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



4278603386



4282730102



4284759142

Triad

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



4282730102



4285349668



4278212165

Complementary

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



4282730102



4285953349

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.



4280767534



4282730102



4284237849

Square

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



4282730102



4286003000



4282732317



4278212190

Rectangle

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



4282730102



4285544536



4282732317



4278277693

Sweetspot

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



4282730102



4287072153



4282742388



4282532429



4291611852



4283256141

Same Dimension

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



4282730102



4283256473



4284237174



4281677115



4278190714



4278191610

Inverse Universe

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



4285941062



4288236878



4284446277



4282070325



4286185474



4294574085

Previews

White Background



This preview shows how the Android color 4282730102 looks on a white background.

Color Contrast Check

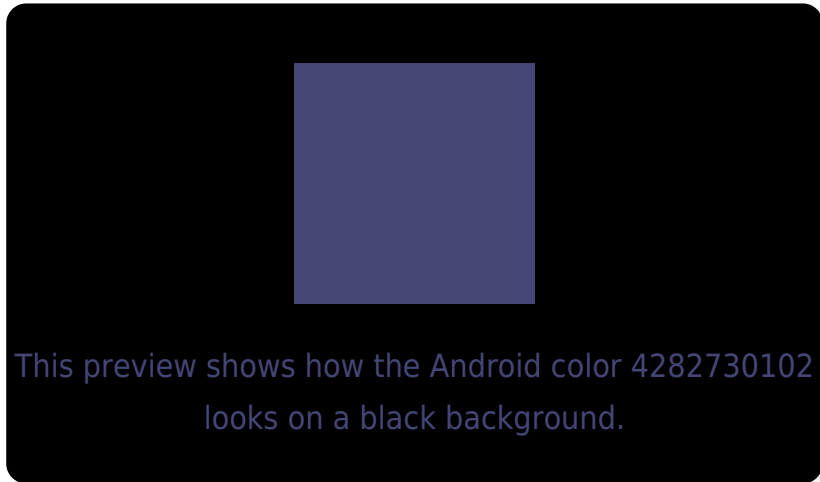
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282730102 Background



This preview shows how black text looks on a background with the Android color 4282730102.

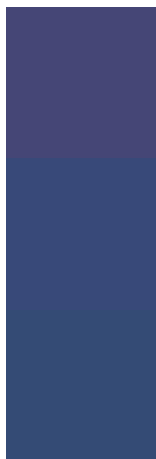


This preview shows how white text looks on a background with the Android color 4282730102.

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

4282730102

Protanopia

4281878905

Deuteranopia

4281617269

Trichromacy



Original Color

4282730102

Protanomaly

4282206328

Deuteranomaly

4282009973

Tritanomaly

4282337888

Monochromacy



Original Color

4282730102

Achromatopsia

4283124555

Achromatomaly

4282992987

CSS Examples

Text

The CSS property to change the color of the text to Android 4282730102 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(69, 70, 118)` looks like.

```
.text, #text, p{  
  color:rgb(69, 70, 118)  
}
```

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(69, 70, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 70, 118) }
```

Border

The CSS property to change the border of an element to Android 4282730102 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(69, 70, 118) }
```

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

```
.border{ border-color:rgb(69, 70, 118) }
```

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

Here you see how a box with a 4 pixel rgb(69, 70, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 70, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 70, 118);  
box-shadow:4px 4px 4px 4px rgb(69, 70,  
118) }
```

Background

The CSS property to change the background color of an element to Android 4282730102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 70, 118) }
```

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

```
.background{ background-color: rgb(69, 70,  
118) }
```

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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