

Converting Colors

Android(4282677402)

Have a look what the booklet for
Android(4282677402) contains.

Android(4282677402)	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(4282677402)

Conversions

Conversions Part 1

Format	Color
Hex	44789A
RGB	68, 120, 154
RGB Percent	27%, 47%, 60%
CMY	0.7333, 0.5294, 0.3961
CMYK	0.56, 0.22, 0.00, 0.40
HSL	204°, 39%, 44%
HSV	204°, 56%, 60%
XYZ	14.9331, 16.9950, 33.0652
YIQ	108.3280, -41.9060, -0.4500

Conversions

Conversions Part 2

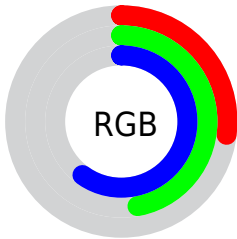
Format	Color
RYB	68, 100, 154
Decimal	4487322
CIELab	48.25, -7.16, -23.65
CIELCh	48, 24.708, 253.163
Yxy	16.9950, 0.2298, 0.2615
Android (android.graphics.Color)	4282677402 (0xFF44789A)
YUV	108.3280, 22.5163, -35.3677
Hunter-Lab	41.2250, -7.4848, -18.6970

Details

The Android color `4282677402` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4288308804`, and the grayscale version is `4285295724`.

A 20% lighter version of the original color is `4286229713`, and `4278208615` is the 20% darker color. If you saturate the color by 10%, you get `4281692826`, and if you desaturate by 10%, it is `4283661978`.

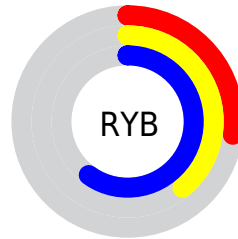
Distribution



Red (27%)

Green (47%)

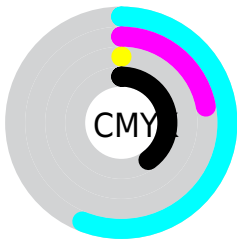
Blue (60%)



Red (27%)

Yellow (39%)

Blue (60%)

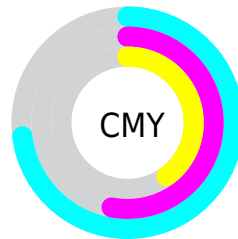


Cyan (56%)

Magenta (22%)

Yellow (0%)

Black (40%)



Cyan (73%)

Magenta (53%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282677402 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 4282677402 by changing the saturation by 10% instead.

■ 4282677402

■ 4282677402

4294967295

■ 4280770432

■ 4286229713

■ 4278208615

■ 4288071661

■ 4278202703

■ 4289914111

■ 4278197560

■ 4291756031

■ 4278190626

■ 4293656575

■ 4278190088

■ 4278190080

■ 4282677402

■ 4282677402

■ 4281692826

■ 4283661978

■ 4280642714

■ 4284712090

■ 4279658138

■ 4285696666

■ 4278608026

■ 4286746778

■ 4278214042

■ 4287731354

■ 4288716186

■ 4289766298

■ 4290750874

■ 4291800986

Harmonies

Analogous

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



4281105550



4282677402



4284772763

Triad

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



4282677402



4288439146



4284512852

Complementary

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



4282677402



4288308804

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.



4286084170



4282677402



4288178007

Square

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



4282677402



4287915135



4287327563



4282875238

Rectangle

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



4282677402



4286082197



4287327563



4285036623

Sweetspot

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



4282677402



4289182921



4282686053



4283588198



4293322470



4284900966

Same Dimension

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



4282677402



4282553545



4282666650



4282730829



4278211980



4278192141

Inverse Universe

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



4288300152



4291379860



4288319556



4283254089



4287365205



4279042056

Previews

White Background



This preview shows how the Android color 4282677402 looks on a white background.

Color Contrast Check

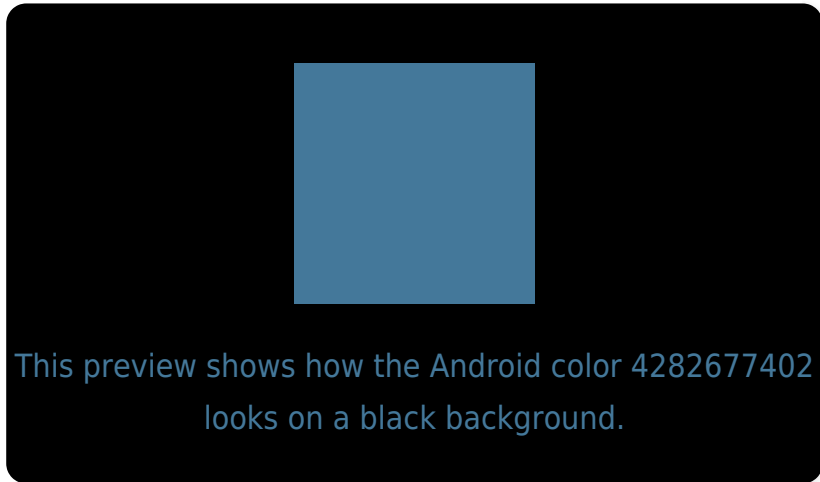
Large Text (above 18pt) WCAG AA ✓ Pass

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

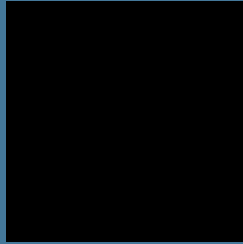
Any Text WCAG AA × Fail

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 4282677402 Background



This preview shows how black text looks on a background with the Android color 4282677402.

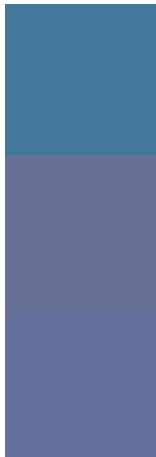


This preview shows how white text looks on a background with the Android color 4282677402.

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

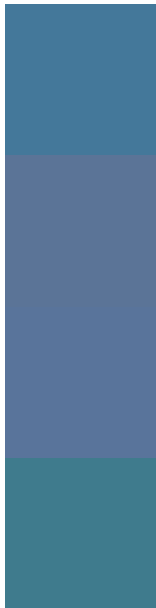


Original Color
4282677402

Protanopia
4285034901

Deuteranopia
4284838300

Trichromacy



Original Color
4282677402

Protanomaly
4284183703

Deuteranomaly
4284052635

Tritanomaly
4282350477

Monochromacy



Original Color
4282677402

Achromatopsia
4285295724

Achromatomaly
4284313725

CSS Examples

Text

The CSS property to change the color of the text to Android 4282677402 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(68, 120, 154)` looks like.

```
.text, #text, p{  
    color:rgb(68, 120, 154)  
}
```

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(68, 120, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 120, 154) }
```

Border

The CSS property to change the border of an element to Android 4282677402 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(68, 120, 154) }
```

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

```
.border{ border-color:rgb(68, 120, 154) }
```

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

Here you see how a box with a 4 pixel rgb(68, 120, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 120, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 120, 154);  
box-shadow:4px 4px 4px 4px rgb(68, 120,  
154) }
```

Background

The CSS property to change the background color of an element to Android 4282677402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 120, 154) }
```

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

```
.background{ background-color: rgb(68, 120,  
154) }
```

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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