

Converting Colors

Android(4283318002)

Have a look what the booklet for
Android(4283318002) contains.

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Color

Android(4283318002)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 4E3EF2 |
| RGB | 78, 62, 242 |
| RGB Percent | 31%, 24%, 95% |
| CMY | 0.6941, 0.7569, 0.0510 |
| CMYK | 0.68, 0.74, 0.00, 0.05 |
| HSL | 245°, 87%, 60% |
| HSV | 245°, 74%, 95% |
| XYZ | 20.8915, 11.4758, 85.1183 |
| YIQ | 87.3040, -48.2440, 59.3720 |

Conversions

Conversions Part 2

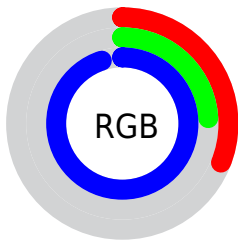
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 78, 62, 242 |
| Decimal | 5127922 |
| CIE _{Lab} | 40.37, 58.77, -87.05 |
| CIE _{LCh} | 40, 105.033, 304.026 |
| Yxy | 11.4758, 0.1778, 0.0977 |
| Android (android.graphics.Color) | 4283318002 (0xFF4E3EF2) |
| YUV | 87.3040, 76.2651, -8.1596 |
| Hunter-Lab | 33.8759, 50.7995, -125.2621 |

Details

The Android color `4283318002` is a dark color, and the websafe version is hex `6633FF`. The color can be described as dark washed blue. A complement of this color would be `4293063230`, and the grayscale version is `4283914071`.

A 20% lighter version of the original color is `4287853055`, and `4278192824` is the 20% darker color. If you saturate the color by 10%, you get `4281870066`, and if you desaturate by 10%, it is `4284765938`.

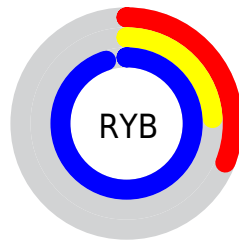
Distribution



Red (31%)

Green (24%)

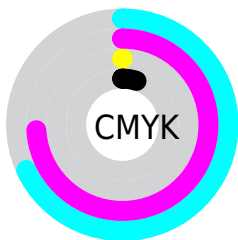
Blue (95%)



Red (31%)

Yellow (24%)

Blue (95%)

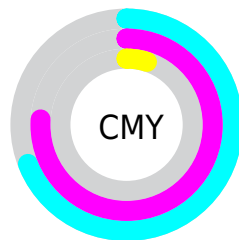


Cyan (68%)

Magenta (74%)

Yellow (0%)

Black (5%)



Cyan (69%)

Magenta (76%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283318002 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 4283318002 by changing the saturation by 10% instead.

 4283318002

 4283318002

4294967295

 4280100309

 4287853055

 4278192824

 4289891327

 4278190236

 4291995391

 4278190209

 4294034175

 4278191207

 4294958847

 4278192718

 4294966271

 4278191414

 4278190624

 4278190084

■ 4283318002

■ 4283318002

■ 4281870066

■ 4284765938

■ 4280422130

■ 4286213874

■ 4279632114

■ 4287662066

■ 4289110002

■ 4290557938

■ 4292005874

■ 4293453810

■ 4294901746

■ 4294967282

Harmonies

Analogous

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



4278217727



4283318002



4291231917

Triad

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



4283318002



4289541632



4278221929

Complementary

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



4283318002



4293063230

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.



4278221056



4283318002



4285227264

Square

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



4283318002



4292542464



4278219264



4278222527

Rectangle

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



4283318002



4293066868



4278219264



4278221643

Sweetspot

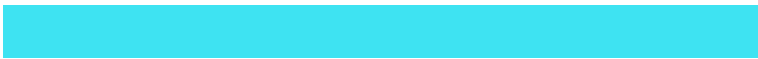
The Sweet Spot groups the original color and five complimentary colors.



4283318002



4291610623



4282311666



4284571264



4278190080



4286611584

Same Dimension

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



4283318002



4281343231



4289150706



4285361272



4279238840



4278517816

Inverse Universe

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



4294065890



4294909163



4287230526



4286082167



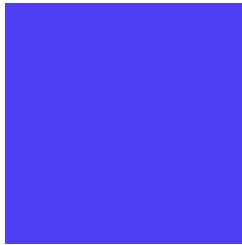
4290248871



4281860147

Previews

White Background



This preview shows how the Android color 4283318002 looks on a white background.

Color Contrast Check

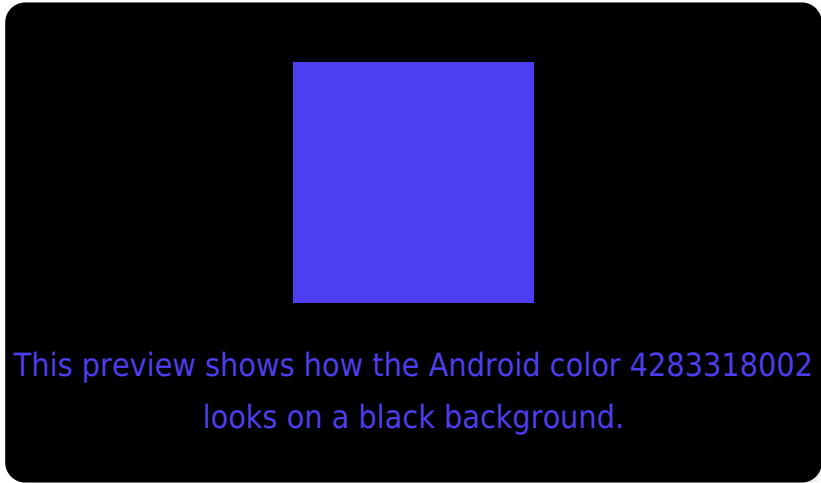
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283318002 Background



This preview shows how black text looks on a background with the Android color 4283318002.

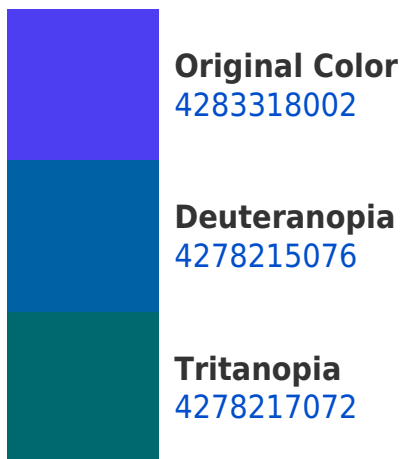


This preview shows how white text looks on a background with the Android color 4283318002.

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



Trichromacy



Original Color
4283318002

Deuteranomaly
4280046784

Tritanomaly
4280048031

Monochromacy



Original Color
4283318002

Achromatopsia
4283914071

Achromatomaly
4283715215

CSS Examples

Text

The CSS property to change the color of the text to Android 4283318002 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(78, 62, 242)` looks like.

```
.text, #text, p{  
    color:rgb(78, 62, 242)  
}
```

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(78, 62, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 62, 242) }
```

Border

The CSS property to change the border of an element to Android 4283318002 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(78, 62, 242) }
```

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

```
.border{ border-color:rgb(78, 62, 242) }
```

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

Here you see how a box with a 4 pixel rgb(78, 62, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 62, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 62, 242);  
box-shadow:4px 4px 4px 4px rgb(78, 62,  
242) }
```

Background

The CSS property to change the background color of an element to Android 4283318002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 62, 242) }
```

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

```
.background{ background-color: rgb(78, 62,  
242) }
```

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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