

Converting Colors

Android(4283193505)

Have a look what the booklet for
Android(4283193505) contains.

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Color

Android(4283193505)

Conversions

Conversions Part 1

Format	Color
Hex	4C58A1
RGB	76, 88, 161
RGB Percent	30%, 35%, 63%
CMY	0.7020, 0.6549, 0.3686
CMYK	0.53, 0.45, 0.00, 0.37
HSL	232°, 36%, 46%
HSV	232°, 53%, 63%
XYZ	12.9032, 11.0892, 35.1786
YIQ	92.7340, -30.5850, 20.1590

Conversions

Conversions Part 2

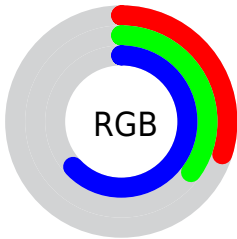
Format	Color
R_{YB}	76, 87, 161
Decimal	5003425
CIE _{Lab}	39.73, 16.76, -41.15
CIE _{LCh}	40, 44.431, 292.158
Yxy	11.0892, 0.2181, 0.1874
Android (android.graphics.Color)	4283193505 (0xFF4C58A1)
YUV	92.7340, 33.6551, -14.6757
Hunter-Lab	33.3004, 10.8895, -39.3237

Details

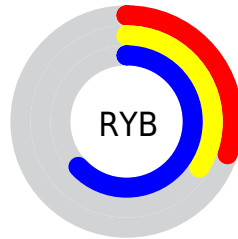
The Android color `4283193505` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4288779596`, and the grayscale version is `4284243036`.

A 20% lighter version of the original color is `4286745304`, and `4279053165` is the 20% darker color. If you saturate the color by 10%, you get `4282141345`, and if you desaturate by 10%, it is `4284245665`.

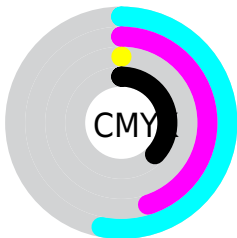
Distribution



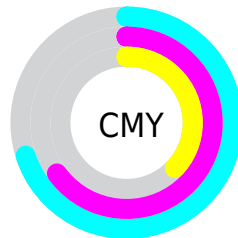
- Red (30%)
- Green (35%)
- Blue (63%)



- Red (30%)
- Yellow (34%)
- Blue (63%)



- Cyan (53%)
- Magenta (45%)
- Yellow (0%)
- Black (37%)



- Cyan (70%)
- Magenta (65%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283193505 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 4283193505 by changing the saturation by 10% instead.



4283193505



4283193505

4294967295



4281352582



4286745304



4279053165



4288586997



4278196052



4290428927



4278190141



4292336639



4278190630



4294244351



4278190351



4278190080



4283193505



4283193505



4282141345



4284245665

■ 4281089185

■ 4285297825

■ 4280037281

■ 4286349729

■ 4278985121

■ 4287401889

■ 4278196129

■ 4288454049

■ 4289571745

■ 4290623905

■ 4291676065

■ 4292727969

Harmonies

Analogous

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



4278216101



4283193505



4286597259

Triad

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



4283193505



4287777317



4278218323

Complementary

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



4283193505



4288779596

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.



4280773423



4283193505



4286077197

Square

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



4283193505



4288625988



4283851794



4278218616

Rectangle

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



4283193505



4287905653



4283851794



4278218054

Sweetspot

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



4283193505



4289770705



4283212180



4283783017



4293454056



4285098345

Same Dimension

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



4283193505



4283261137



4285156513



4282993490



4278195601



4278190866

Inverse Universe

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



4288760920



4291906912



4286816588



4283582795



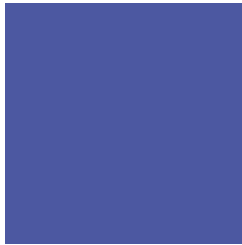
4287692821



4279369731

Previews

White Background



This preview shows how the Android color 4283193505 looks on a white background.

Color Contrast Check

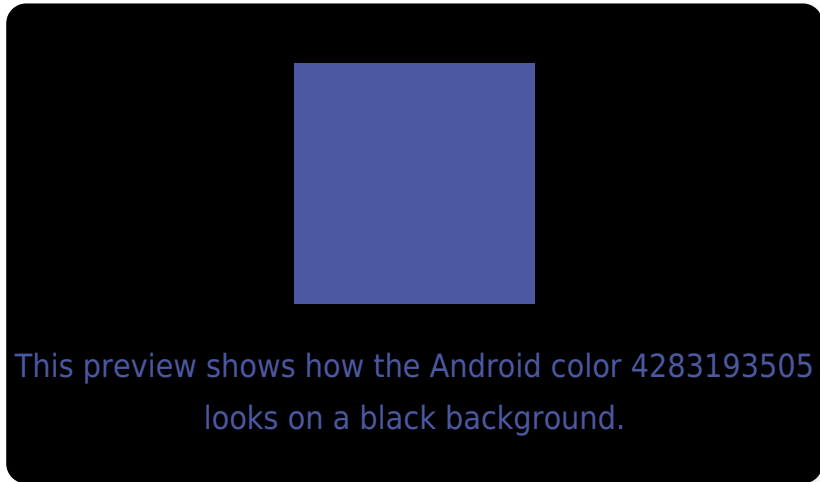
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283193505 Background



This preview shows how black text looks on a background with the Android color 4283193505.



This preview shows how white text looks on a background with the Android color 4283193505.

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
4283193505

Protanopia
4282145700

Deuteranopia
4281097888

Trichromacy



Original Color
4283193505

Protanomaly
4282538659

Deuteranomaly
4281883808

Tritanomaly
4282474623

Monochromacy



Original Color
4283193505

Achromatopsia
4284308829

Achromatomaly
4283915126

CSS Examples

Text

The CSS property to change the color of the text to Android 4283193505 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(76, 88, 161)` looks like.

```
.text, #text, p{  
    color:rgb(76, 88, 161)  
}
```

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(76, 88, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 88, 161) }
```

Border

The CSS property to change the border of an element to Android 4283193505 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(76, 88, 161) }
```

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

```
.border{ border-color:rgb(76, 88, 161) }
```

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

Here you see how a box with a 4 pixel rgb(76, 88, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 88, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 88, 161);  
box-shadow:4px 4px 4px 4px rgb(76, 88,  
161) }
```

Background

The CSS property to change the background color of an element to Android 4283193505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 88, 161) }
```

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

```
.background{ background-color: rgb(76, 88,  
161) }
```

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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