

Converting Colors

Android(4284373926)

Have a look what the booklet for
Android(4284373926) contains.

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Color

Android(4284373926)

Conversions

Conversions Part 1

Format	Color
Hex	5E5BA6
RGB	94, 91, 166
RGB Percent	37%, 36%, 65%
CMY	0.6314, 0.6431, 0.3490
CMYK	0.43, 0.45, 0.00, 0.35
HSL	242°, 30%, 50%
HSV	242°, 45%, 65%
XYZ	15.2401, 12.6150, 37.7081
YIQ	100.4470, -22.2870, 23.9610

Conversions

Conversions Part 2

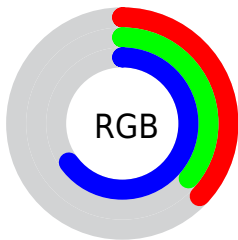
Format	Color
R_{YB}	94, 91, 166
Decimal	6183846
CIE _{Lab}	42.18, 20.87, -40.14
CIE _{LCh}	42, 45.245, 297.470
Yxy	12.6150, 0.2324, 0.1924
Android (android.graphics.Color)	4284373926 (0xFF5E5BA6)
YUV	100.4470, 32.3176, -5.6540
Hunter-Lab	35.5176, 14.4359, -38.0842

Details

The Android color `4284373926` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4288915035`, and the grayscale version is `4284769380`.

A 20% lighter version of the original color is `4287925726`, and `4280823153` is the 20% darker color. If you saturate the color by 10%, you get `4283320998`, and if you desaturate by 10%, it is `4285426854`.

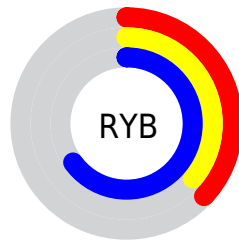
Distribution



Red (37%)

Green (36%)

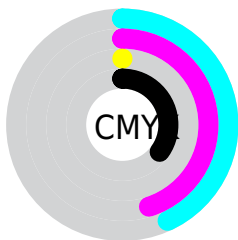
Blue (65%)



Red (37%)

Yellow (36%)

Blue (65%)

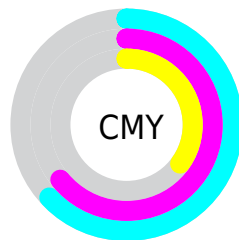


Cyan (43%)

Magenta (45%)

Yellow (0%)

Black (35%)



Cyan (63%)

Magenta (64%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284373926 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 4284373926 by changing the saturation by 10% instead.



4284373926



4284373926

4294967295



4282664075



4287925726



4280823153



4289702138



4278524249



4291609599



4278190145



4293517311



4278190890



4294966271



4278190356



4278190080



4284373926



4284373926



4283320998



4285426854

■ 4282268326

■ 4286479526

■ 4281215398

■ 4287532454

■ 4280162726

■ 4288585126

■ 4279109798

■ 4289638054

■ 4278648998

■ 4290690982

■ 4291743654

■ 4292731046

■ 4293783718

Harmonies

Analogous

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



4278217134



4284373926



4287515532

Triad

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



4284373926



4288041508



4278220127

Complementary

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



4284373926



4288915035

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.



4280185401



4284373926



4286144784

Square

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



4284373926



4289020995



4283788059



4278220165

Rectangle

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



4284373926



4288627317



4283788059



4278219858

Sweetspot

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



4284373926



4290558681



4284195750



4284242798



4293783021



4285427310

Same Dimension

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



4284373926



4285031641



4286798758



4283190356



4278583444



4278255636

Inverse Universe

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



4289092515



4292437204



4286490203



4283714644



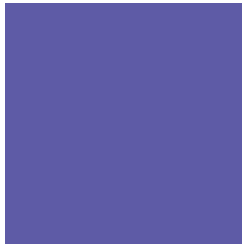
4287889550



4279500820

Previews

White Background



This preview shows how the Android color 4284373926 looks on a white background.

Color Contrast Check

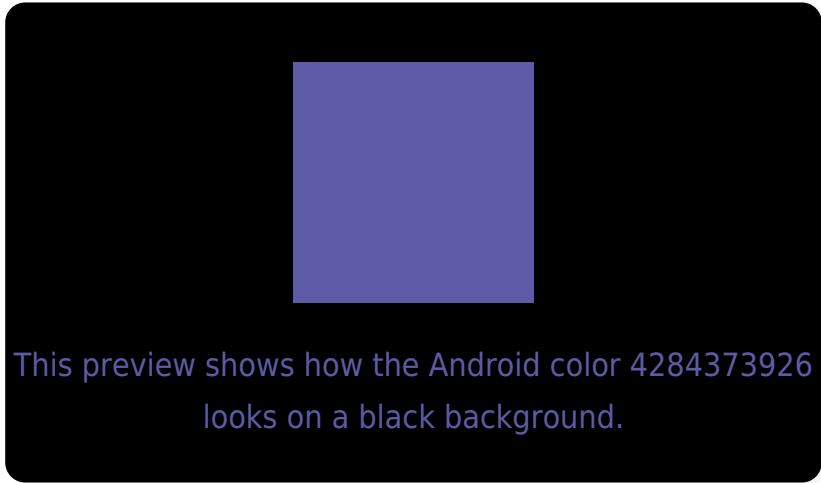
Large Text (above 18pt) WCAG AA ✓ Pass

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

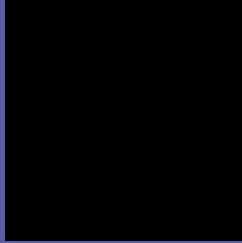
Any Text WCAG AA × Fail

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 4284373926 Background



This preview shows how black text looks on a background with the Android color 4284373926.



This preview shows how white text looks on a background with the Android color 4284373926.

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
4284373926

Protanopia
4282540460

Deuteranopia
4282016932

Trichromacy



Original Color
4284373926

Protanomaly
4283195306

Deuteranomaly
4282868133

Tritanomaly
4283786116

Monochromacy



Original Color
4284373926

Achromatopsia
4284769380

Achromatomaly
4284637564

CSS Examples

Text

The CSS property to change the color of the text to Android 4284373926 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(94, 91, 166)` looks like.

```
.text, #text, p{  
    color:rgb(94, 91, 166)  
}
```

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(94, 91, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 91, 166) }
```

Border

The CSS property to change the border of an element to Android 4284373926 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(94, 91, 166) }
```

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

```
.border{ border-color:rgb(94, 91, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 91, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 91, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 91, 166);  
box-shadow:4px 4px 4px 4px rgb(94, 91,  
166) }
```

Background

The CSS property to change the background color of an element to Android 4284373926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 91, 166) }
```

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

```
.background{ background-color: rgb(94, 91,  
166) }
```

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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