

Converting Colors

Android(4286017965)

Have a look what the booklet for
Android(4286017965) contains.

Android(4286017965)	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(4286017965)

Conversions

Conversions Part 1

Format	Color
Hex	7771AD
RGB	119, 113, 173
RGB Percent	47%, 44%, 68%
CMY	0.5333, 0.5569, 0.3216
CMYK	0.31, 0.35, 0.00, 0.32
HSL	246°, 27%, 56%
HSV	246°, 35%, 68%
XYZ	21.0557, 18.7493, 42.0444
YIQ	121.6340, -15.6840, 19.9320

Conversions

Conversions Part 2

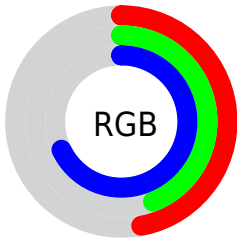
Format	Color
R _Y B	119, 113, 173
Decimal	7827885
CIE Lab	50.39, 16.36, -31.17
CIE LCh	50, 35.204, 297.698
Yxy	18.7493, 0.2572, 0.2291
Android (android.graphics.Color)	4286017965 (0xFF7771AD)
YUV	121.6340, 25.3234, -2.3100
Hunter-Lab	43.3005, 11.0232, -27.2597

Details

The Android color `4286017965` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4289178993`, and the grayscale version is `4286151033`.

A 20% lighter version of the original color is `4289570277`, and `4282663288` is the 20% darker color. If you saturate the color by 10%, you get `4284965037`, and if you desaturate by 10%, it is `4287070893`.

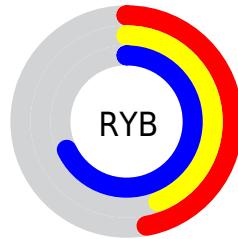
Distribution



Red (47%)

Green (44%)

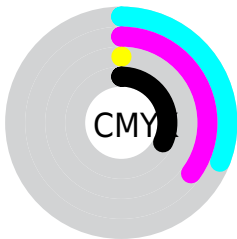
Blue (68%)



Red (47%)

Yellow (44%)

Blue (68%)

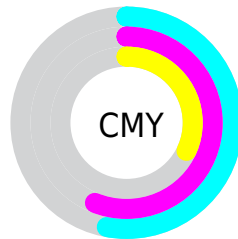


Cyan (31%)

Magenta (35%)

Yellow (0%)

Black (32%)



Cyan (53%)

Magenta (56%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286017965 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 4286017965 by changing the saturation by 10% instead.

■ 4286017965

■ 4286017965

4294967295

■ 4284307858

■ 4289570277

■ 4282663288

■ 4291346687

■ 4281019231

■ 4293254399

■ 4279310151

■ 4294965503

■ 4278190129

■ 4278190363

■ 4278190080

■ 4286017965

■ 4286017965

■ 4284965037

■ 4287070893

■ 4283977389

■ 4288058541

■ 4282924461

■ 4289111469

■ 4281937069

■ 4290098861

■ 4280883885

■ 4291152045

■ 4279896493

■ 4292139437

■ 4279304365

■ 4293192365

■ 4294245293

■ 4294967213

Harmonies

Analogous

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



4282481844



4286017965



4288374424

Triad

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



4286017965



4288965446



4278945653

Complementary

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



4286017965



4289178993

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.



4283073623



4286017965



4287395131

Square

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



4286017965



4289749598



4285431361



4278224787

Rectangle

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



4286017965



4289356166



4285431361



4280911722

Sweetspot

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



4286017965



4291611360



4285638573



4284769136



4293980400



4285558896

Same Dimension

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



4286017965



4287398624



4287984045



4283387479



4279173270



4278321175

Inverse Universe

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



4289556903



4292903639



4287212913



4283911766



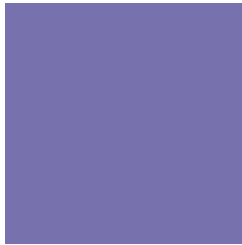
4288020615



4279697429

Previews

White Background



This preview shows how the Android color 4286017965 looks on a white background.

Color Contrast Check

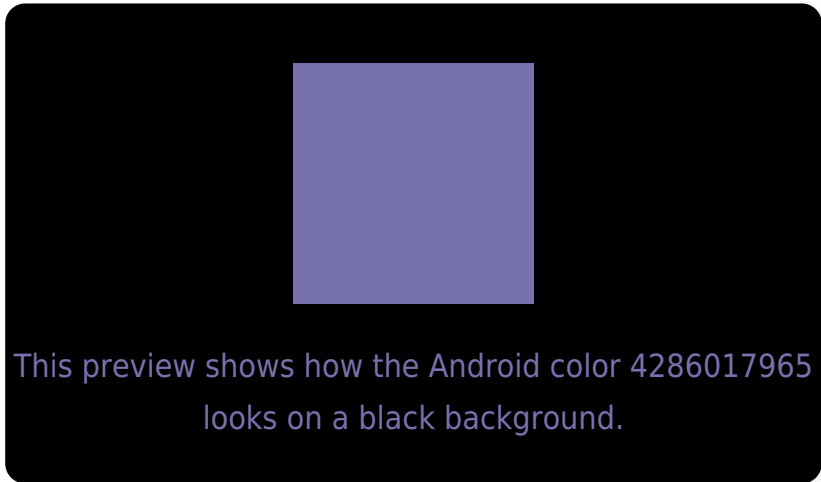
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4286017965 Background



This preview shows how black text looks on a background with the Android color 4286017965.

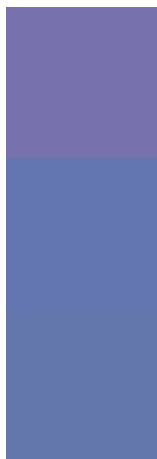


This preview shows how white text looks on a background with the Android color 4286017965.

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

4286017965

Protanopia

4284774065

Deuteranopia

4284774316

Trichromacy



Original Color
4286017965

Protanomaly
4285232304

Deuteranomaly
4285232556

Tritanomaly
4285626002

Monochromacy



Original Color
4286017965

Achromatopsia
4286216826

Achromatomaly
4286150541

CSS Examples

Text

The CSS property to change the color of the text to Android 4286017965 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(119, 113, 173)` looks like.

```
.text, #text, p{  
    color:rgb(119, 113, 173)  
}
```

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(119, 113, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 113, 173) }
```

Border

The CSS property to change the border of an element to Android 4286017965 is called "border". The border property can be set on classes, ids or directly on the HTML element.

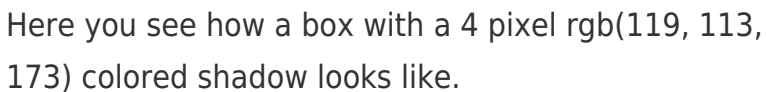
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 113, 173) }
```

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

```
.border{ border-color:rgb(119, 113, 173) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 113, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 113, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 113, 173);  
box-shadow:4px 4px 4px 4px rgb(119, 113,  
173) }
```

Background

The CSS property to change the background color of an element to Android 4286017965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 113, 173) }
```

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

```
.background{ background-color: rgb(119,  
113, 173) }
```

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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