

Converting Colors

Android(4282551765)

Have a look what the booklet for
Android(4282551765) contains.

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Color

Android(4282551765)

Conversions

Conversions Part 1

Format	Color
Hex	428DD5
RGB	66, 141, 213
RGB Percent	26%, 55%, 84%
CMY	0.7412, 0.4471, 0.1647
CMYK	0.69, 0.34, 0.00, 0.16
HSL	209°, 64%, 55%
HSV	209°, 69%, 84%
XYZ	23.7819, 25.0121, 66.5252
YIQ	126.7830, -67.8120, 6.4920

Conversions

Conversions Part 2

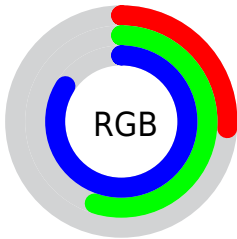
Format	Color
R _Y B	66, 116, 213
Decimal	4361685
CIE Lab	57.09, 0.04, -43.70
CIE LCh	57, 43.697, 270.050
Yxy	25.0121, 0.2062, 0.2169
Android (android.graphics.Color)	4282551765 (0xFF428DD5)
YUV	126.7830, 42.5050, -53.3067
Hunter-Lab	50.0121, -2.6404, -43.8580

Details

The Android color `4282551765` is a dark color, and the websafe version is hex `6699CC`. The color can be described as middle muted azure. A complement of this color would be `4292184642`, and the grayscale version is `4286479998`.

A 20% lighter version of the original color is `4286694143`, and `4278213534` is the 20% darker color. If you saturate the color by 10%, you get `4281172949`, and if you desaturate by 10%, it is `4283930581`.

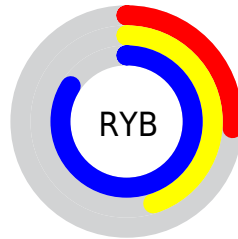
Distribution



Red (26%)

Green (55%)

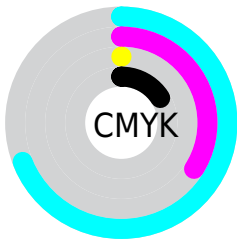
Blue (84%)



Red (26%)

Yellow (45%)

Blue (84%)

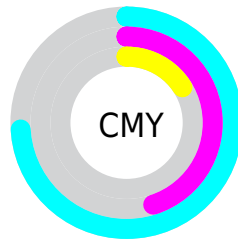


Cyan (69%)

Magenta (34%)

Yellow (0%)

Black (16%)



Cyan (74%)

Magenta (45%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282551765 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 4282551765 by changing the saturation by 10% instead.

 4282551765

 4282551765

4294967295

 4279661753

 4286694143

 4278213534

 4288667391

 4278207619

 4290640895

 4278202218

 4292607999

 4278197073

 4294574079

 4278191418

 4278190627

 4278190090

 4278190080

■ 4282551765

■ 4282551765

■ 4281172949

■ 4283930581

■ 4279728341

■ 4285375189

■ 4278349525

■ 4286754005

■ 4278218197

■ 4288133077

■ 4289577429

■ 4290956501

■ 4292335317

■ 4293714133

■ 4294962133

Harmonies

Analogous

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



4278228938



4282551765



4287332299

Triad

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



4282551765



4291784037



4282882401

Complementary

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



4282551765



4292184642

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.



4286157380



4282551765



4290607431

Square

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



4282551765



4291717514



4288644922



4278230152

Rectangle

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



4282551765



4289492410



4288644922



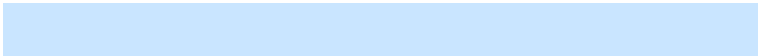
4284127062

Sweetspot

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



4282551765



4291421695



4282570121



4284510336



4278190080



4286611584

Same Dimension

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



4282551765



4281047039



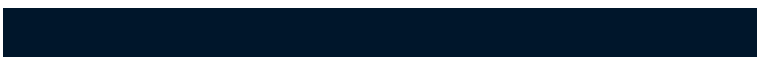
4282533077



4284507755



4278212523



4278195755

Inverse Universe

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



4292166285



4294912919



4292203330



4285227110



4289396823



4281008150

Previews

White Background



This preview shows how the Android color 4282551765 looks on a white background.

Color Contrast Check

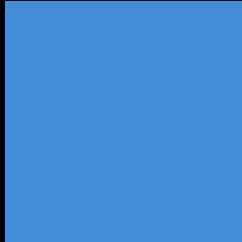
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Android color 4282551765 looks on a 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 4282551765 Background



This preview shows how black text looks on a background with the Android color 4282551765.



This preview shows how white text looks on a background with the Android color 4282551765.

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



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Android 4282551765 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(66, 141, 213)` looks like.

```
.text, #text, p{  
    color:rgb(66, 141, 213)  
}
```

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(66, 141, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 141, 213) }
```

Border

The CSS property to change the border of an element to Android 4282551765 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(66, 141, 213) }
```

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

```
.border{ border-color:rgb(66, 141, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 141, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 141, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 141, 213);  
box-shadow:4px 4px 4px 4px rgb(66, 141,  
213) }
```

Background

The CSS property to change the background color of an element to Android 4282551765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 141, 213) }
```

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

```
.background{ background-color: rgb(66, 141,  
213) }
```

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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